vtech®

Innovation Beyond Technology℠

User's manual

www.vtechphones.com

Models:
LS6325/LS6325-2/
LS6325-3/LS6325-4/
LS6325-5/ LS6326-4
LS6326-5

DECT 6.0

Congratulations

on purchasing your new VTech product. Before using this telephone, please read the **Important safety instructions** on page 62 of this manual.

This manual has all the feature operations and troubleshooting necessary to install and operate your new VTech telephone. Please review this manual thoroughly to ensure proper installation and operation of this innovative and feature rich VTech product. For support, shopping, and everything new at VTech, visit our website at www.vtechphones.com. In Canada, please visit www.vtechcanada.com.

The ENERGY STAR® program (www.energystar.gov) recognizes and encourages the use of products that save energy and help protect our environment. We are proud to mark this product with the ENERGY STAR® label indicating it meets the latest energy efficiency guidelines.

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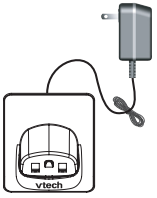
Getting started

Parts checklist

Your telephone contains the following items. Save your sales receipt and original packaging in the event warranty service is necessary.



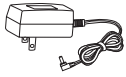
Charger and charger adapter
(1 for LS6325-2, 2 for LS6325-3, 3 for LS6325-4 and LS6326-4, 4 for LS6325-5 and LS6326-5)

Handset
(1 for LS6325, 2 for LS6325-2, 3 for LS6325-3, 4 for LS6325-4 and LS6326-4, 5 for LS6325-5 and LS6326-5)

Battery compartment cover
(1 for LS6325, 2 for LS6325-2, 3 for LS6325-3, 4 for LS6325-4 and LS6326-4, 5 for LS6325-5 and LS6326-5)

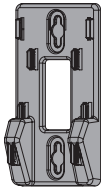
Battery
(1 for LS6325, 2 for LS6325-2, 3 for LS6325-3, 4 for LS6325-4 and LS6326-4, 5 for LS6325-5 and LS6326-5)

Telephone line cord



Telephone base power adapter

Telephone base



Wall mount bracket

User's manual

Quick start guide

note To purchase replacement batteries or power adapters, visit our website at www.vtechphones.com or call 1 (800) 595-9511. In Canada, go to www.vtechcanada.com or dial 1 (800) 267-7377.

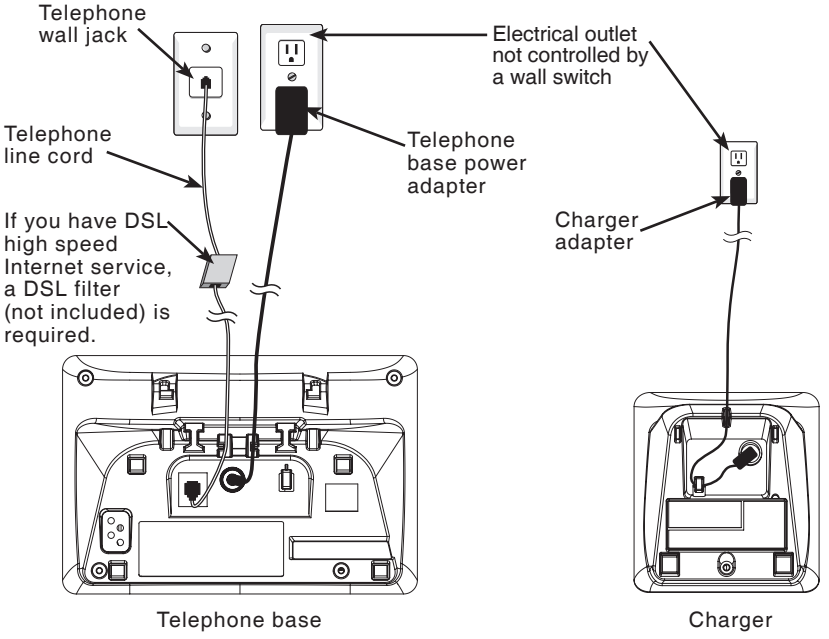
Getting started

Telephone base and charger installation

Install the telephone base and charger(s) as shown below.

Make sure that the electrical outlet is not controlled by a wall switch.

If you subscribe to digital subscriber line (DSL) high-speed Internet service through your telephone line, you must install a DSL filter between the telephone line cord and the telephone wall jack. The filter prevents noise and caller ID problems caused by DSL interference. Contact your DSL service provider for more information about DSL filters.


Telephone wall jack
Electrical outlet not controlled by a wall switch
Telephone line cord
Telephone base power adapter
If you have DSL high speed Internet service, a DSL filter (not included) is required.
Charger adapter
Telephone base
Charger

note

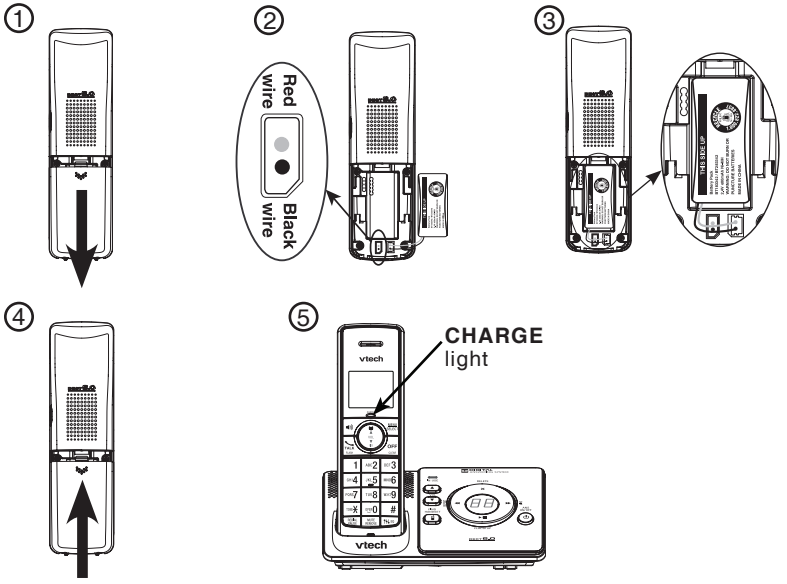
- Use only the power adapters supplied with this product. To order a replacement, visit our website at www.vtechphones.com or call 1 (800) 595-9511. In Canada, go to www.vtechcanada.com or dial 1 (800) 267-7377.
- The power adapters are intended to be correctly oriented in a vertical or floor mount position. The prongs are not designed to hold the plug in place if it is plugged into a ceiling, under-the-table or cabinet outlet.

Getting started

Battery installation

Install the battery as shown below.

1. If the battery compartment cover is on the handset, press on the grooved tab and slide the cover to remove.
2. Plug the battery connector securely into the socket inside the handset battery compartment, matching the color-coded label.
3. Place the battery with the label **THIS SIDE UP** facing up and the wires inside the battery compartment.
4. Align the cover flat against the battery compartment, then slide it towards the center of the handset until it clicks into place.
5. Charge the handset by placing it in the telephone base or charger. The **CHARGE** light is on when the handset charges.



note

- If the handset will not be used for a long time, disconnect and remove the battery to prevent possible leakage.
- To purchase replacement batteries, visit our website at www.vtechphones.com or call 1 (800) 595-9511. In Canada, go to www.vtechcanada.com or dial 1 (800) 267-7377.

Getting started

Battery charging

Once you have installed the battery, the screen indicates the battery status (see the table below). If necessary, place the handset in the telephone base or charger to charge the battery. For best performance, keep the handset in the telephone base or charger when not in use. The battery is fully charged after 16 hours of continuous charging. See the table on page 52 for battery operating times.

If the screen is blank or shows **Place in charger**, you need to charge the handset without interruption for at least 30 minutes to give the handset enough charge to use the telephone for a short time. When the battery is low, the handset shows **Low battery** and a flashing [] icon. If you are on a call in low battery mode, the handset plays short beeps to alert you.

The following table summarizes the battery charge indicators and actions to take.

Battery indicators	Battery status	Action
The screen is blank or shows **Place in charger** and [] flashes.	Battery has very little or no charge. The handset cannot be used.	Charge without interruption (at least 30 minutes).
The screen shows **Low battery** and [] flashes.	Battery has enough charge to be used for a short time.	Charge without interruption (about 30 minutes).
The screen shows **HANDSET X**.	Battery is charged.	To keep the battery charged, place it in the telephone base or charger when not in use.

note If you do not plug in the battery into the handset and place it in the telephone base or charger, the screen displays **No battery**.

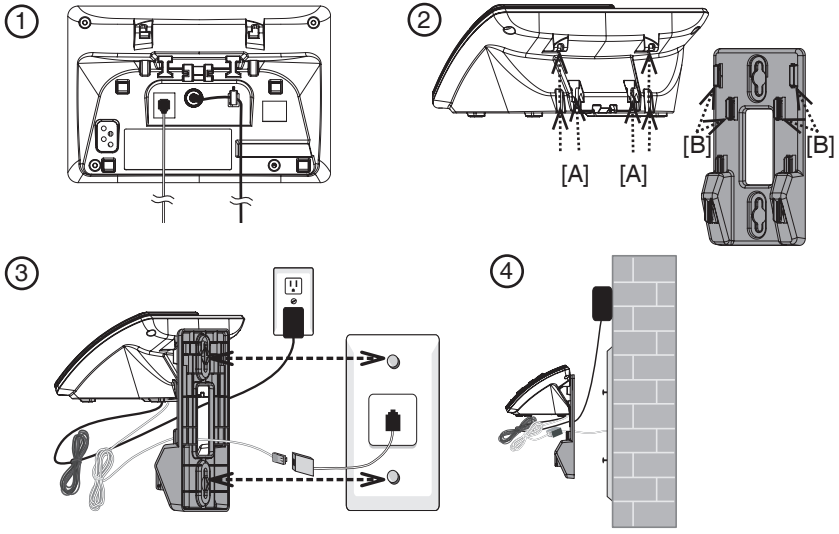
Getting started

Installation options

Your telephone base is ready for tabletop use. If you want to mount your telephone on a wall, use the provided wall mount bracket to connect with a standard dual-stud telephone wall mounting plate. If you do not have this mounting plate, you can purchase one from many hardware or consumer electronics retailers. You may need a professional to install the mounting plate.

Tabletop to wall mount installation

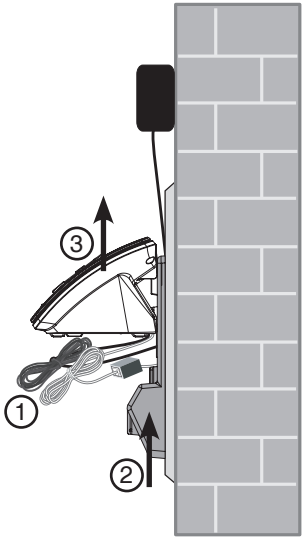
1. Plug one end of the telephone line cord into the **TEL LINE** jack on the bottom of the telephone base. Plug the small end of the power adapter into the **POWER** jack on the bottom of the telephone base.
2. Position the telephone base as shown below. Insert the extended tabs [B] of the wall mount bracket into the slots [A] on the back of the telephone base. Push the telephone base down until it clicks securely in place.
3. Route the telephone line cord through the wall mount bracket hole and plug it into the telephone wall jack. Route the power cord out of the bottom of the telephone and plug it into an electrical outlet not controlled by a wall switch.
4. Align the holes on the bracket with the standard wall plate and slide the bracket down until it locks securely. Bundle the telephone line cord and power adapter cord neatly with twist ties.



Getting started

Wall mount to tabletop installation

1. If the telephone line cord and power adapter cord are bundled, untie them first.
2. Slide the black wall mount bracket up and remove it from the wall plate. Unplug the telephone line cord (or DSL filter) from the wall. Unplug the power adapter from the power outlet.
3. Slide the telephone base up and remove it from the wall mount bracket.
4. See **Telephone base and charger installation** on page 2.



Getting started

Telephone base layout

X/DELETE

Press to delete the message currently playing (page 44).

When the phone is not in use, press twice to delete all previously reviewed messages (page 46).

IN USE light

Flashes when there is an incoming call, or another telephone sharing the same line is in use.

On when the telephone is in use, or the answering system is answering a call.

▲/VOL and **VOL/▼**

Press to adjust the volume during playback (page 44).

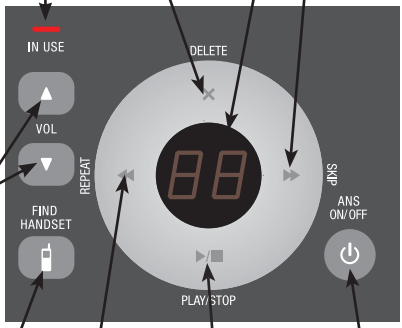
When the phone is not in use, press to adjust the telephone base ringer volume (page 11).

/FIND HANDSET

Press to page all system handsets (page 22).

/REPEAT

Press to repeat a message or press twice to play the previous message (page 44).



Message window

Shows the number of messages and other answering system information (page 47).

/SKIP

Press to skip to the next message (page 44).

/ANS ON/OFF

Press to turn the answering system on or off (page 16).

▶/■/PLAY/STOP

Press to play messages (page 44).

Press to stop message playback (page 44).

Getting started

Handset layout

CHARGE light

On when the handset is charging in the telephone base or charger (page 3).

/▲VOL (directory/volume)

Press to enter the directory when the telephone is not in use (page 35).

While in a menu, press to scroll up.

During a call, press to increase the listening volume (page 20).

(speakerphone)

Press to make or answer a call (page 20).

During a call, press to switch between speakerphone and handset (page 20).

TALK/FLASH

Press to make or answer a call (page 20).

During a call, press to answer an incoming call when you receive a call waiting alert (page 22).

1

While reviewing a call log entry, press repeatedly to add or remove 1 in front of the telephone number before dialing or saving it in the directory (page 40).

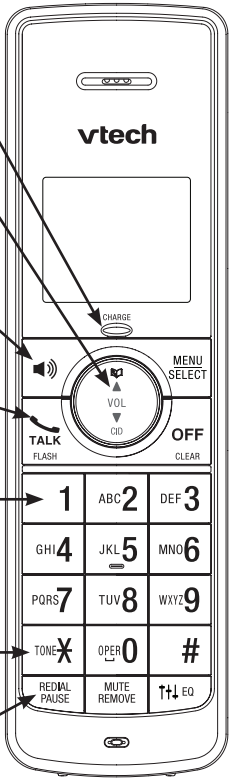
TONE ✱

With the phone set for pulse dialing, press to temporarily change to tone dialing while on a call (page 21).

REDIAL/PAUSE

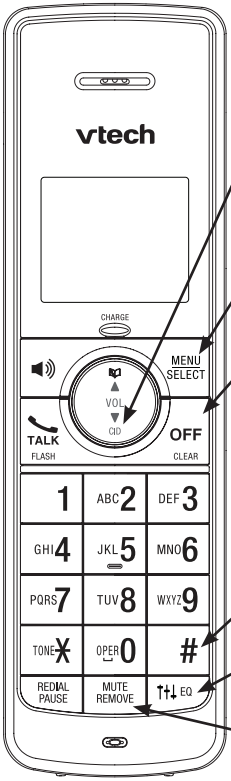
Press to review the redial list (page 24).

While dialing or entering numbers into the directory, press and hold to insert a dialing pause (page 20).



Getting started

Handset layout



▼VOL/CID (volume/caller ID)

Press to review the call log when the telephone is not in use (page 39).

While in a menu, press to scroll down.

During a call, press to decrease the listening volume (page 20).

MENU/SELECT

Press to show the menu.

While in a menu, press to choose an item, or save an entry or setting.

OFF/CLEAR

During a call, press to hang up (page 20).

While the handset is ringing, press to silence the ringer temporarily (page 21).

While the telephone is not in use, press and hold to erase the missed calls indicator (page 39).

During programming, press to exit without making changes.

#

Press repeatedly to show other dialing options when reviewing a call log entry (page 40).

EQ

During an outside call, intercom call, message or announcement playback, press to change the audio quality to best suit your hearing (page 22).

MUTE/REMOVE

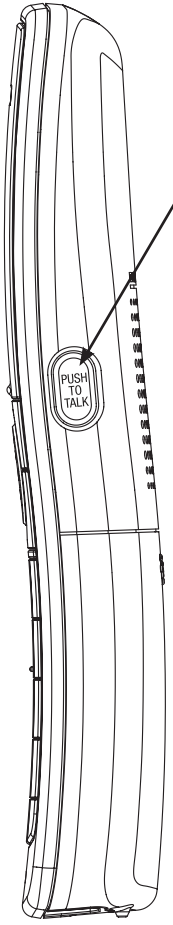
While on a call, press to mute the microphone (page 21).

While reviewing the call log, directory or redial list, press to delete an individual entry (page 42, 36 and 24 respectively).

While predialing, press to delete digits (page 20).

Getting started

Handset layout



PUSH TO TALK (PTT)

Press to begin a one-to-one or one-to-all broadcast message (page 27).

Telephone settings

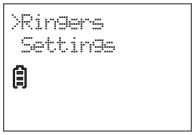
Ringer volume (telephone base)

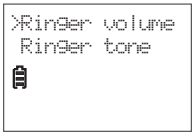
- Press ▲/**VOL** or **VOL**/▼ on the telephone base to adjust the ringer volume when the telephone is not in use. When you set the ringer volume to zero, the base ringer is off and the system announces, "*Base ringer is off.*"

Ringer volume (handset)

You can set the ringer volume or turn the ringer off. When the ringer is off, 🔕 appears on the screen.

1. Press **MENU/SELECT** when the handset is not in use.
2. Press 📖/▲**VOL** or ▼**VOL/CID** to highlight **>Ringers**, then press **MENU/SELECT**.
3. Press **MENU/SELECT** to highlight **>Ringer volume**.
4. Press 📖/▲**VOL** or ▼**VOL/CID** to adjust the volume. A sample of each ringer volume plays as you scroll through the choices. The lowest setting is **Ringer mute**.
5. Press **MENU/SELECT** to confirm your selection. You hear a confirmation tone.



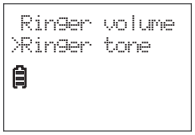


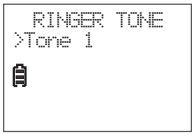
note The setting also determines the ringer volume of the intercom call and paging tone. However, paging volume ranges between level 4 to 6 only.

Ringer tone

You can choose from different ringer tones.

1. Press **MENU/SELECT** when the handset is not in use.
2. Press 📖/▲**VOL** or ▼**VOL/CID** to highlight **>Ringers**, then press **MENU/SELECT**.
3. Press 📖/▲**VOL** or ▼**VOL/CID** to highlight **>Ringer tone**, then press **MENU/SELECT**.
4. Press 📖/▲**VOL** or ▼**VOL/CID** to highlight the desired ringer tone. A sample of each ringer tone plays as you scroll through the choices.
5. Press **MENU/SELECT** to confirm your selection. You hear a confirmation tone.

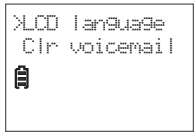


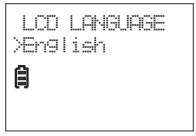


note If you turn off the ringer volume, you will not hear ringer tone samples.

Telephone settings

LCD language





You can select **English**, **Français** or **Español** to be used in all screen displays.

1. Press **MENU/SELECT** when the handset is not in use.
2. Press **/▲VOL** or **▼VOL/CID** to highlight **>Settings**, then press **MENU/SELECT**.
3. Press **MENU/SELECT** to highlight **>LCD language**.
4. Press **/▲VOL** or **▼VOL/CID** to scroll through the choices.
5. Press **MENU/SELECT** to confirm your selection. You hear a confirmation tone.

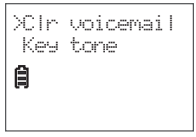
Clear voicemail

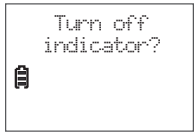
If you subscribe to voicemail service offered by your telephone service provider, **New voicemail** and ✉ appear on the handset when you have new voicemail messages. Contact your telephone service provider for more information and assistance about using your voicemail service.

After you have listened to all new voicemail messages, the indicators on the handset turn off automatically.

Use the clear voicemail feature when the telephone indicates that there is new voicemail but there are none (for example, when you have accessed your voicemail while away from home). Clearing the voicemail waiting indicator only turns off the indicators; it does not delete your voicemail messages. As long as you have new voicemail messages, your telephone service provider continues to send the signal to turn on the indicators.

To manually turn off these indicators:





1. Press **MENU/SELECT** when the handset is not in use.
2. Press **/▲VOL** or **▼VOL/CID** to highlight **>Settings**, then press **MENU/SELECT**.
3. Press **/▲VOL** or **▼VOL/CID** to highlight **>Clr voicemail**, then press **MENU/SELECT**. The screen shows **Turn off indicator?**
4. Press **MENU/SELECT** to confirm your selection. You hear a confirmation tone.

note

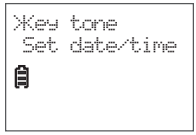
- Your telephone service provider may alert you of new messages with a stutter (broken) dial tone. Contact your telephone service provider for details.
- Voicemail is different from answering system messages recorded in your cordless phone's answering system. For more information about the difference, see page 43.

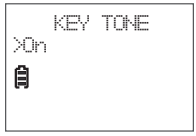
Telephone settings

Key tone

You can turn the key tone on or off.

1. Press **MENU/SELECT** when the handset is not in use.
2. Press /▲VOL or ▼VOL/CID to highlight **>Settings**, then press **MENU/SELECT**.
3. Press /▲VOL or ▼VOL/CID to highlight **>Key tone**, then press **MENU/SELECT**.
4. Press /▲VOL or ▼VOL/CID to choose **>On** or **>Off**.
5. Press **MENU/SELECT** to confirm your selection. You hear a confirmation tone.



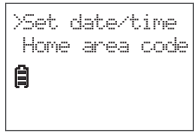


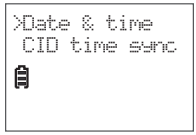
Set date/time

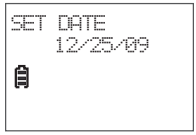
The answering system announces the date and time of each message prior to playing it. Before using the answering system, set the date and time as follows. If you subscribe to caller ID service, the day, month and time are set automatically with each incoming call. However, the year must be correct so that the day of the week can be calculated from the caller ID information. You can also turn off the date and time settings of the caller ID service and use your own settings for each incoming call (see **CID time synchronization** on page 14).

1. Press **MENU/SELECT** when the handset is not in use.
2. Press /▲VOL or ▼VOL/CID to highlight **>Settings**, then press **MENU/SELECT**.
3. Press /▲VOL or ▼VOL/CID to highlight **>Set date/time**, then press **MENU/SELECT**.
4. Press **MENU/SELECT** to highlight **>Date & time**.
5. Press the dialing keys (**0**-**9**) to enter a two-digit number or press /▲VOL or ▼VOL/CID until the screen displays the correct month, day and year. Press **MENU/SELECT** to advance to time setting.
6. Repeat step 5 until the time is set. Press /▲VOL or ▼VOL/CID to choose **AM** or **PM**. Press **MENU/SELECT** when finished. You hear a confirmation tone.

note If the date and time are not set when a message is recorded, the system announces, "*Time and date not set,*" before each message plays.



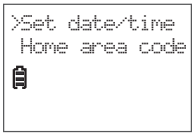


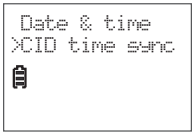


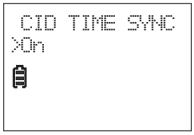
Telephone settings

CID time synchronization

This feature allows the time and date to be set by incoming caller ID information. The default setting is **On**.



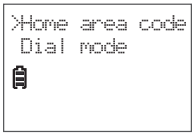




1. Press **MENU/SELECT** when the handset is not in use.
2. Press ✎/▲**VOL** or ▼**VOL/CID** to highlight **>Settings**, then press **MENU/SELECT**.
3. Press ✎/▲**VOL** or ▼**VOL/CID** to highlight **>Set date/time**, then press **MENU/SELECT**.
4. Press ✎/▲**VOL** or ▼**VOL/CID** to highlight **>CID time sync**, then press **MENU/SELECT**.
5. Press ✎/▲**VOL** or ▼**VOL/CID** to choose **>On** or **>Off**, then press **MENU/SELECT** to confirm your selection. You hear a confirmation tone.

Home area code

If you dial your local calls using only seven digits (area code not required), you can program your home area code so that when you receive a call within your local area, the telephone number is automatically stored without the area code in the call log.



1. Press **MENU/SELECT** when the handset is not in use.
2. Press ✎/▲**VOL** or ▼**VOL/CID** to highlight **>Settings**, then press **MENU/SELECT**.
3. Press ✎/▲**VOL** or ▼**VOL/CID** to highlight **>Home area code**, then press **MENU/SELECT**.
4. Use the dialing keys to enter the desired home area code.
   - Press **MUTE/REMOVE** to delete a digit.
   - Press and hold **MUTE/REMOVE** to delete the entire entry.
5. Press **MENU/SELECT** to confirm your selection. You hear a confirmation tone.

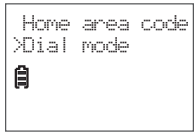
note If, in the future, your telephone service provider requires you to dial the area code when making a local call, or, if you move to a location that requires it, delete the home area code you have already programmed, following the steps above. After you have deleted the home area code, _ _ _ will appear in the display.

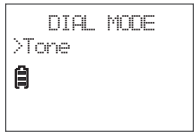
Telephone settings

Dial mode

The dial mode is default to tone dialing. If you have pulse (rotary) service, you must change the dial mode to pulse dialing before using the telephone.

1. Press **MENU/SELECT** when the handset is not in use.
2. Press 📖/▲VOL or ▼VOL/CID to highlight **>Settings**, then press **MENU/SELECT**.
3. Press 📖/▲VOL or ▼VOL/CID to highlight **>Dial mode**, then press **MENU/SELECT**.
4. Press 📖/▲VOL or ▼VOL/CID to choose **>Tone** or **>Pulse**.
5. Press **MENU/SELECT** to confirm your selection. You hear a confirmation tone.





note While on a call in pulse dialing mode, press **TONE**✱ to temporarily change to tone dialing mode.

Website

Use this feature to view the VTech website address.

1. Press **MENU/SELECT** when the handset is not in use.
2. Press 📖/▲VOL or ▼VOL/CID to highlight **>Website**, then press **MENU/SELECT**.
3. Press **OFF/CLEAR** to return to idle mode.

Answering system settings

Answering system setup

You must use a system handset to change your answering system settings.

Answer ON/OFF

The answering system must be turned on to answer and record messages.

When the answering system is turned on, the **/ANS ON/OFF** light on the telephone base will be on and **ANS ON** will display on the handset.

To turn on or off with the telephone base:

- Press **/ANS ON/OFF** to turn the built-in answering system on or off. When the answering system is turned on, it announces, *“Calls will be answered.”* When the answering system is turned off, it announces, *“Calls will not be answered.”*

To turn on or off with a handset:

1. Press **MENU/SELECT** when the handset is not in use.
2. Press /▲VOL or ▼VOL/CID to highlight **>Answering sys**, then press **MENU/SELECT**.
3. Press /▲VOL or ▼VOL/CID to highlight **>Answer ON/OFF**, then press **MENU/SELECT**.
4. Press /▲VOL or ▼VOL/CID to choose **>On** or **>Off**, then press **MENU/SELECT**.

Answering system settings

Call screening

You can hear incoming messages at the telephone base while they are being recorded. Follow the below steps to turn this feature on or off.

To turn on or off with a handset:

1. Press **MENU/SELECT** when the handset is not in use.
2. Press **/▲VOL** or **▼VOL/CID** to highlight **>Answering sys**, then press **MENU/SELECT**.
3. Press **/▲VOL** or **▼VOL/CID** to highlight **>Ans sys setup**, then press **MENU/SELECT**.
4. Press **MENU/SELECT** to highlight **>Call screening**.
5. Press **/▲VOL** or **▼VOL/CID** to choose **>On** or **>Off**, then press **MENU/SELECT**.

note

- If call screening is set to **On** while the answering system is answering a call, press **VOL/▼** on the telephone base to temporarily decrease the volume. The lowest setting will mute call screening for that call.
- If call screening is set to **Off** while the answering system is answering a call, press **▲/VOL** once on the telephone base to temporarily turn the call screening on. Continue to press **▲/VOL** to increase the volume to the desired level for that call.

Number of rings

You can choose from two, four, or six rings; or toll saver. With toll saver selected, the answering system answers after two rings when you have new messages, and after four rings when you have no new messages. This enables you to check for new messages and avoid paying unnecessary long distance charges if you are calling from out of your local area.

1. Press **MENU/SELECT** when the handset is not in use.
2. Press **/▲VOL** or **▼VOL/CID** to highlight **>Answering sys**, then press **MENU/SELECT**.
3. Press **/▲VOL** or **▼VOL/CID** to highlight **>Ans sys setup**, then press **MENU/SELECT**.
4. Press **/▲VOL** or **▼VOL/CID** to highlight **># of rings**, then press **MENU/SELECT**.
5. Press **/▲VOL** or **▼VOL/CID** to choose from **6**, **4**, **2** or **Toll saver**, then press **MENU/SELECT** to confirm your selection.

Answering system settings

Remote access code

A two-digit security code is required to access the answering system remotely from any touch-tone telephone. The preset code is **19**. You can set the code from **00** to **99**.

1. Press **MENU/SELECT** when the handset is not in use.
2. Press /▲VOL or ▼VOL/CID to highlight **>Answering sys**, then press **MENU/SELECT**.
3. Press /▲VOL or ▼VOL/CID to highlight **>Ans sys setup**, then press **MENU/SELECT**.
4. Press /▲VOL or ▼VOL/CID to highlight **>Remote code**, then press **MENU/SELECT**.
5. Press the dialing keys (**0**-**9**) to enter the code, then press **MENU/SELECT** to confirm.

Message alert tone

The telephone base beeps every 10 seconds to alert you of new messages. The tone stops when all new messages have been reviewed.

1. Press **MENU/SELECT** when the handset is not in use.
2. Press /▲VOL or ▼VOL/CID to highlight **>Answering sys**, then press **MENU/SELECT**.
3. Press /▲VOL or ▼VOL/CID to highlight **>Ans sys setup**, then press **MENU/SELECT**.
4. Press /▲VOL or ▼VOL/CID to highlight **>Msg alert tone**, then press **MENU/SELECT**.
5. Press /▲VOL or ▼VOL/CID to choose **>On** or **>Off**, then press **MENU/SELECT** to confirm your selection.

note

- The answering system must be turned on for the message alert tone to function.
- Press any key on the telephone base (except **/FIND HANDSET**) to temporarily silence the message alert tone.

Announcement

The telephone is preset with a greeting that answers calls with *"Hello, please leave a message after the tone."* You can use this preset announcement, or replace it with your own.

Answering system settings

Play your announcement

1. Press **MENU/SELECT** when the handset is not in use.
2. Press /▲VOL or ▼VOL/CID to highlight **>Answering sys**, then press **MENU/SELECT**.
3. Press **MENU/SELECT** to highlight **>Announcement**.
4. The handset announces, *"To play, press **2.** To record, press **7**."* Press **2** to play.

Record your own announcement

1. Press **MENU/SELECT** when the handset is not in use.
2. Press /▲VOL or ▼VOL/CID to highlight **>Answering sys**, then press **MENU/SELECT**.
3. Press **MENU/SELECT** to highlight **>Announcement**.
4. The handset announces, *"To play, press **2.** To record, press **7**."* Press **7** to record.
5. The handset announces, *"Record after the tone. Press **5** when you are done."*
6. After the tone, speak towards the microphone of the handset.
7. Press **5** when finished.
8. The answering system automatically plays back the newly recorded announcement. Press **5** to stop the playback at any time; **2** to replay the recorded announcement; or **7** to record again if desired.

note

- Your announcement can be up to 90 seconds in length.
- Announcements shorter than two seconds will not be recorded.

Delete your announcement

1. Press **MENU/SELECT** when the handset is not in use.
2. Press /▲VOL or ▼VOL/CID to highlight **>Answering sys**, then press **MENU/SELECT**.
3. Press **MENU/SELECT** to highlight **>Announcement**.
4. The handset announces, *"To play, press **2.** To record, press **7**."* Press **3** to delete your own recorded announcement. The handset announces, *"Announcement deleted."*

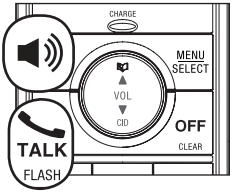
note

When your announcement is deleted, calls are answered with the preset announcement.

Telephone operation

Make a call

1. Press TALK/**FLASH** or . You hear a dial tone.
2. Dial the number.



Predial a call

1. Dial the number.
2. Press TALK/**FLASH** or .

Answer a call

Press TALK/**FLASH**, or any of the dialing keys (**0**-**9**, **#**, **TONE**).

note

- The screen shows the elapsed time as you talk (in hours, minutes and seconds).
- When predialing (preview numbers before dialing), press **MUTE/REMOVE** or **OFF/CLEAR** to backspace and delete; press and hold **REDIAL/PAUSE** to insert a dialing pause (a **p** appears).

End a call

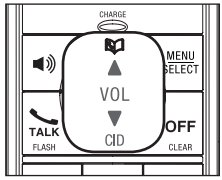
Press **OFF/CLEAR** or put the handset in the telephone base or charger.

Speakerphone

During a call, press to switch between speakerphone and normal handset use. When the speakerphone is active, the handset screen shows **Speaker**.

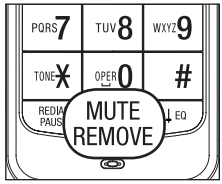
Volume

During a call, press /**▲VOL** or **▼VOL/CID** to adjust the listening volume.



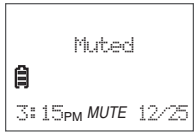
Telephone operation

Mute



The mute function allows you to hear the other party but the other party cannot hear you.

1. During a call, press **MUTE/REMOVE** on the handset. The handset screen shows **Muted** for a few seconds and ***MUTE*** appears until the mute function is turned off.
2. Press **MUTE/REMOVE** again to resume the conversation. The handset screen temporarily shows **Microphone ON**.



Temporary ringer silencing

When the telephone is ringing, you can temporarily silence the ringer of the handset or telephone base without disconnecting the call. The next call rings normally at the preset volume.

To silence the handset ringer:

- Press **OFF/CLEAR** or **MUTE/REMOVE** on the handset, **Ringer mute** and 🔕 display.

To silence the telephone base ringer:

- Press **VOL/▼** on the telephone base to turn off the base ringer.

Temporary tone dialing

If you have pulse (rotary) service only, you can switch from pulse to tone dialing temporarily during a call. This is useful if you need to send touch-tone signals to access your telephone banking or long distance services.

During a call:

1. Press **TONE**.
2. The telephone now sends tone signals as you enter numbers.
3. The telephone automatically returns to pulse dialing mode after you end the call.

Telephone operation

Find handset

Use this feature to page all system handsets.

1. Press **/FIND HANDSET** on the telephone base. All idle handsets ring and the screens show **** Paging ****.
2. To end paging, press TALK/**FLASH**, , any dialing keys (**0**-**9**, **#**, **TONE**), or press **/FIND HANDSET** on the telephone base.

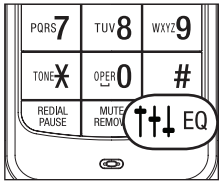
note Paging rings all the registered handsets even if the ringer volume is set to off.

Call waiting

When you subscribe to call waiting service from your telephone service provider, you hear an alert tone if there is an incoming call while you are on another call.

Press TALK/**FLASH** to put your current call on hold and take the new call. Press TALK/**FLASH** at any time to switch back and forth between calls.

Equalizer



The equalizer feature on the handset enables you to change the audio quality of the handset to best suit your hearing.

While using the handset, speakerphone, intercom or listening to a message or announcement, press **EQ** to select the equalizer setting **Treble 1**, **Treble 2**, **Bass** or **Natural** (the default setting) for the handset. The current setting is shown on the handset for two seconds.

Telephone operation

Chain dialing

Use this feature to initiate a dialing sequence from numbers stored in the directory, call log or redial while you are on a call.

Chain dialing can be useful if you wish to access other numbers (such as bank account numbers or access codes) from the directory, call log or redial list.

To access a number in the directory while on a call:

1. Press **MENU/SELECT** and then press 📖/▲**VOL** or ▼**VOL/CID** to highlight **>Directory**.
2. Press **MENU/SELECT** and then press 📖/▲**VOL** or ▼**VOL/CID** to scroll to the desired entry.
3. Press **MENU/SELECT** to dial the displayed number.

To access a number in the call log while on a call:

1. Press **MENU/SELECT** and then press 📖/▲**VOL** or ▼**VOL/CID** to highlight **>Call log**.
2. Press **MENU/SELECT** and then press 📖/▲**VOL** or ▼**VOL/CID** to scroll to the desired entry.
3. Press **MENU/SELECT** to dial the displayed number.

To access a number on the redial list while on a call:

1. Press **REDIAL/PAUSE** and then press 📖/▲**VOL** or ▼**VOL/CID** or **REDIAL/PAUSE** to browse to the desired entry.
2. Press **MENU/SELECT** to dial the displayed number.

note

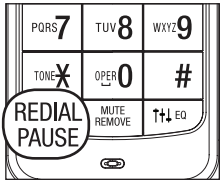
- You cannot edit a directory entry while on a call. For more details about the directory, see page 32.
- You cannot copy a call log entry into the directory while on a call. For more details about the call log, see page 38.
- You cannot erase a redial entry while on a call. For more details about the redial memory, see page 24.
- Press **OFF/CLEAR** to exit redial, directory or call log when you are on a call.

Telephone operation

Redial list

Each system handset stores the 20 most recently dialed numbers.

- When there are already 20 entries, the oldest entry is deleted to make room for the new entry.
- Entries are shown in reverse chronological order.
- Press **REDIAL/PAUSE** to browse the redial list.
- Press **OFF/CLEAR** to exit the redial list.



Dial a redial entry

1. Press **REDIAL/PAUSE**, then press /▲VOL, ▼VOL/CID or **REDIAL/PAUSE** to browse.
2. Press TALK/**FLASH** or to dial the displayed number.

Delete a redial entry

1. Press **REDIAL/PAUSE**, then press /▲VOL, or ▼VOL/CID or **REDIAL/PAUSE** to browse.
2. Press **MUTE/REMOVE** to delete the selected entry.

Multiple handset use

You can use up to four system handsets at a time on an outside call. You can buy additional expansion handsets (model **LS6305**) for this telephone base. You can register up to five handsets to the telephone base.

To share an outside call:

- When a handset is already on a call and you would like to join the call, press TALK/**FLASH** or on another handset to join the call.
- To end the call, press **OFF/CLEAR** or place the handset in the telephone base or charger. The call will not end until all handsets hang up.

Telephone operation

Intercom

Use the intercom feature for conversations between two system handsets.

1. When the handset is in idle mode, press **MENU/SELECT** to enter the main menu.
2. Press /▲VOL or ▼VOL/CID to highlight **>Intercom**, then press **MENU/SELECT**.
   - If you have a two-handset system, your handset screen shows **Calling other handset**.
   - If you have more than two handsets, your screen shows **INTERCOM TO:**. Use the dialing keys to enter the destination handset number. Your handset screen shows **Calling handset X**.

   The destination handset rings and its screen shows **Other handset is calling** or **Handset X is calling**.

note

- You can cancel the intercom call before it is answered by pressing **OFF/CLEAR** on your originating handset.
- If the destination handset does not answer the intercom call within 100 seconds, is in the directory or call log, or is out of range, your originating handset screen shows **Unable to call. Try again** and returns to idle mode.
- You can use a maximum of five handsets at a time. Only two handsets can be used on an intercom call and three other handsets for an outside call at a time.

3. To answer the intercom call, press TALK/**FLASH**, or any of the dialing keys (**0**-**9**, **#**, **TONE**) on the destination handset. Both handsets now show **Intercom**.
4. To turn off the microphone during an intercom call, press **MUTE/REMOVE** on the originating or destination handset. The handset screen shows **Muted** for a few seconds and ***MUTE*** appears until the mute function is turned off. Press **MUTE/REMOVE** again to resume the conversation.
5. To end the intercom call, press **OFF/CLEAR** or place the handset in the telephone base or charger. Both screens show **Intercom ended**.

Answer an incoming call during an intercom call

If you receive an incoming outside call during an intercom call, there will be an alert tone.

- To answer the call, press TALK/**FLASH**. The intercom call ends automatically.
- To end the intercom call without answering the incoming call, press **OFF/CLEAR.** The telephone continues to ring.

Telephone operation

Transfer/share a call using intercom

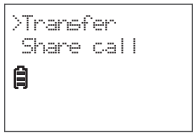
1. During a call, press **MENU/SELECT** twice to choose **>Intercom**. The outside call is put on hold automatically.
   - If you have a two-handset system, your handset screen shows **Calling other handset**.
   - If you have more than two handsets, your screen shows **INTERCOM TO:**. Use the dialing keys to enter the destination handset number. Your handset screen shows **Calling handset X**.

   The destination handset rings and its screen shows **Other handset is calling** or **Handset X is calling**.
2. To answer the intercom call, press TALK/**FLASH**, 🔊 or any of the dialing keys (**0**-**9**, **#**, **TONE**) on the destination handset. Both handsets now show **Intercom**. You can now have a private conversation between the system handsets.

note

- If you want to cancel an intercom call and reconnect to the outside call before the destination handset answers, press TALK/**FLASH** or **OFF/CLEAR** on your originating handset.
- If the destination handset does not answer the intercom call within 100 seconds, is in the directory or call log, or is out of range, your originating handset screen shows **Unable to call. Try again** and reconnects to the outside call automatically.

3. From this intercom call, you have the following options:
   - To transfer the call, press **MENU/SELECT** twice on the originating handset to choose **>Transfer**. The originating handset screen shows **Call transferred**. The destination handset is automatically connected to the outside call.

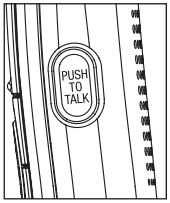


   - To share the call, press **MENU/SELECT** on the originating handset and then press 📖/▲**VOL** or ▼**VOL/CID** to highlight **>Share call**. Then press **MENU/SELECT**. Both originating and destination handsets are connected to the outside call.
4. To end the outside call, press **OFF/CLEAR** or place the handset in the telephone base or charger. The call will not end until all handsets hang up.

Telephone operation

Push to talk (PTT)

You can directly broadcast messages from one handset to the speakerphone of one or all other handsets. Any handset you call can respond by pressing **PUSH TO TALK** to begin a two-way communication.



- Only one handset can talk at a time. To do so, press and hold **PUSH TO TALK**.
- You must release **PUSH TO TALK**, so the other person can respond.
- Only one PTT can be active at a time.
- While PTT is in use between two handsets, other handsets cannot use the intercom feature but can access the answering system.
- When you attempt to place a PTT call to another handset which is accessing the answering system, your handset screen shows **Not available at this time**.

PTT On/Off

You can turn PTT on or off on each handset.

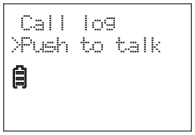
- When on, the handset can begin and receive PTT calls.
- When off, the handset can begin PTT calls but will not receive PTT calls from other handset(s). The idle screen shows **No Incoming PTT**.
- When you attempt to place a PTT call to another handset that has the PTT feature turned off, your handset screen shows **Not available at this time**.

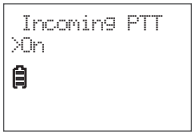
To turn PTT on or off:

1. Press **PUSH TO TALK** when the handset is not in use. The **PUSH TO TALK** menu displays.

   -OR-

   a) Press **MENU/SELECT** when the handset is not in use.
   b) Press 🕮/▲**VOL** or ▼**VOL/CID** to highlight **>Push to talk**.
   c) Press **MENU/SELECT**.
2. Press 🕮/▲**VOL** or ▼**VOL/CID** to highlight **>PTT On/Off**, then press **MENU/SELECT**.
3. Press 🕮/▲**VOL** or ▼**VOL/CID** to choose **>On** or **>Off**, then press **MENU/SELECT**.





Telephone operation

PTT to a single handset

1. You have four ways to begin a PTT call:
   - If you have a two-handset system, press and hold **PUSH TO TALK** when the handset is not in use.
   - Press **PUSH TO TALK** when the handset is not in use. Then use the dialing keys to enter the destination handset number.
   - Press **PUSH TO TALK** when the handset is not in use. Press 📖/▲VOL or ▼VOL/CID to highlight the destination handset number and then press MENU/SELECT or **PUSH TO TALK**.
   - a) Press **MENU/SELECT** when the handset is not in use.

     b) Press 📖/▲VOL or ▼VOL/CID to highlight **>Push to talk**, then press MENU/SELECT.

     c) Select the destination handset number by pressing 📖/▲VOL or ▼VOL/CID or by using the dialing keys.

     d) Press MENU/SELECT or **PUSH TO TALK**.

   Your handset screen shows **Connecting to HANDSET X...** for a few seconds. When the connection is made, both your and the destination handset screens display **Press and hold [PTT] to talk** and beep once.
2. Press and hold **PUSH TO TALK** on your handset. A chirp indicates your microphone is on. Speak towards the handset. Your voice is broadcast to the destination handset.

   While you are speaking, your handset screen shows **PTT To HANDSET X** (**X** represents the destination handset number).
3. Release **PUSH TO TALK** after speaking. Both handsets beep once again. After the handsets beep, you can press and hold **PUSH TO TALK** to continue speaking or the destination handset can respond (see **Answer PTT** on page 30).
4. To end the PTT call, press **OFF/CLEAR** or place the handset in the telephone base or charger. The handset screen shows **Push to talk Ended** for a few seconds.

note After **PUSH TO TALK** is released, the PTT call remains open for a short time. If no one presses **PUSH TO TALK** within 10 seconds, the PTT call ends automatically.

Telephone operation

PTT to all handsets

You can connect a PTT call from a single handset to all available system handsets.

1. You have four ways to begin a PTT-to-all call:
   - Press and hold **PUSH TO TALK** when the handset is not in use.
   - Press **PUSH TO TALK** when the handset is not in use. Then press **TONE**.
   - If you have more than two handsets, press **PUSH TO TALK** when the handset is not in use. Press **/▲VOL** or **▼VOL/CID** to highlight **>All Handsets**, then press **MENU/SELECT** or **PUSH TO TALK**.
   - If you have more than two handsets:
     a) Press **MENU/SELECT** when the handset is not in use.
     b) Press **/▲VOL** or **▼VOL/CID** to highlight **>Push to talk**, then press **MENU/SELECT**.
     c) Press **/▲VOL** or **▼VOL/CID** to highlight **>All Handsets**, then press **MENU/SELECT** or **PUSH TO TALK**.

   Your handset displays **Connecting to All Handsets...** for a few seconds. When the connection is made, all handsets display **Press and hold [PTT] to talk** and beep once.
2. Press and hold **PUSH TO TALK** on your handset. A chirp indicates your microphone is on. Speak towards the handset. Your voice is broadcast to all destination handsets.

   While you are speaking, your handset screen shows **PTT To HANDSET X** (**X** represents the destination handset numbers; a maximum of four handset numbers appear).
3. Release **PUSH TO TALK** after speaking. All handsets beep once again. After the handsets beep, you can press and hold **PUSH TO TALK** to continue speaking or the destination handsets can respond (see **Answer PTT** on page 30).
4. To end the PTT call, press **OFF/CLEAR** or place the handset in the telephone base or charger. The handset screen shows **Push to talk Ended** for a few seconds.

note After **PUSH TO TALK** is released, the PTT call remains open for a short time. If no one presses **PUSH TO TALK** within 10 seconds, the PTT call ends automatically.

Telephone operation

Answer PTT

You can respond to a PTT call whenever the speakerphone light is off, as described below.

1. When your handset receives a PTT call, the handset beeps and the screen shows **Press and hold [PTT] to talk**.
2. When someone else is speaking, your speakerphone light is on, and your handset shows **PTT From HSX to HSX** (the first **X** represents the initiating handset number, the second **X** represents your handset number; a maximum of four handset numbers appear).
3. When your speakerphone light is off (the screen shows **Press and hold [PTT] to talk**), press and hold **PUSH TO TALK** on your handset. You will hear a chirp. Speak towards the handset.
   - While you are speaking, your handset screen shows **PTT To HANDSET X** (**X** represents the handset numbers of one or more destination handsets; a maximum of four handset numbers appear).
   - Your voice is broadcast to all destination handsets.

   After speaking, release **PUSH TO TALK**. Your handset will beep. After the beep, if your speakerphone light is off, you can press and hold **PUSH TO TALK** to continue speaking or the destination handset can respond.

Change a one-to-one PTT to intercom

You can convert a one-to-one PTT conversation to an intercom call.

1. When your handset screen shows **Press and hold [PTT] to talk**, press **MENU/SELECT**. The screen shows **>Intercom**.
2. Press **MENU/SELECT**. Your handset displays **Calling other handset** or **Calling HANDSET X**. The destination handset screen momentarily shows **Push to talk Ended** and then **Other handset is calling**. The destination handset rings.
3. On the destination handset, press TALK/**FLASH**, 🔊 or any of the dialing keys (**0**-**9**, **#**, **TONE**) to answer the intercom call. Both handsets now show **Intercom**.
4. To end an intercom call, press **OFF/CLEAR** or place the handset in the telephone base or charger. Both screens show **Intercom ended**.

Telephone operation

End PTT

For one-to-one PTT, both initiating and destination handsets can end PTT.

For one-to-all PTT, the initiating handset can end the PTT call for all handsets on the PTT call. If any one of the destination handsets leaves the PTT call, the call continues until all participants or the initiator hangs up.

To end or leave PTT:

Press **OFF/CLEAR** or place the handset in the telephone base or charger. The handset screen shows **Push to talk Ended**.

note

After **PUSH TO TALK** is released, the PTT call remains open for a short time. If no one presses **PUSH TO TALK** within 10 seconds, the PTT call ends automatically.

Answer an incoming call during PTT

If you receive an incoming outside call during PTT, there is an alert tone.

- During a one-to-one PTT, press TALK/**FLASH** on the initiating or destination handset. The PTT call ends automatically and the outside call is answered.
- During a one-to-all PTT, press TALK/**FLASH** on the initiating handset. The PTT call ends automatically and the outside call is answered.
- During a one-to-all PTT, press TALK/**FLASH** on any one of the destination handsets and that handset answers the outside call. The PTT call continues for the rest of the PTT participants.
- To leave the PTT call without answering the incoming call, press **OFF/CLEAR**. The telephone continues to ring.

Make an outgoing call during PTT

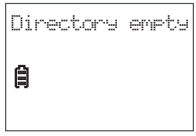
- During a one-to-one PTT, press TALK/**FLASH** to get a dial tone. The PTT call ends automatically.
- During a one-to-all PTT, press TALK/**FLASH** on the initiating handset. The PTT call ends automatically and you get a dial tone.
- During a one-to-all PTT, press TALK/**FLASH** on any one of the destination handsets and that handset gets a dial tone. The PTT call continues for the rest of the PTT participants.

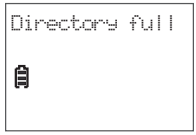
Telephone operation

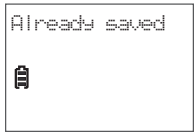
Directory

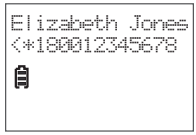
The directory can store up to 50 entries with up to 30 digits for each phone number and 15 characters for each name.

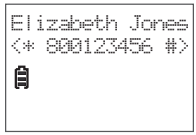
- Directory entries are shared by all system handsets. Any additions, deletions or edits made on one handset affect the directories on all handsets.
- When there are no records in the directory, the screen shows **Directory empty**.
- When the directory is full and you try to save an entry, the screen shows **Directory full**.
- If you try to save a number already stored in the directory, the screen shows **Already saved**.
- If the telephone number in the directory exceeds 15 digits, **<*** appears in front of the telephone number. Press **TONE** to move the cursor to the left or **#** to the right.
- Only one handset can review the directory at a time. If a handset tries to enter the directory while another handset is already in it, **Not available at this time** appears.

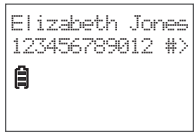












Telephone operation

Store a directory entry

Use the following steps to store an entry in the directory.

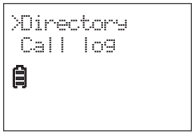
1. Enter the number when the handset is not in use and press **MENU/SELECT**. The screen shows **ENTER NUMBER**.

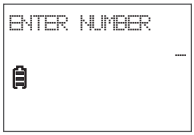
   -OR-

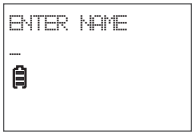
   a) Press **MENU/SELECT** when the handset is not in use.

   b) Press 📖/▲**VOL** or ▼**VOL/CID** to highlight **>Directory**, then press **MENU/SELECT**.

   c) Press 📖/▲**VOL** or ▼**VOL/CID** to highlight **>Add contact**, then press **MENU/SELECT**. The screen shows **ENTER NUMBER**.







2. Use the dialing keys to enter or modify the number.
   - Press **MUTE/REMOVE** or **OFF/CLEAR** to backspace and erase a digit.
   - Press and hold **MUTE/REMOVE** to erase the entire entry.
   - Press ▼**VOL/CID** to move the cursor to the left or 📖/▲**VOL** to the right.
   - Press and hold **REDIAL/PAUSE** to insert a dialing pause (a **p** appears).

   -OR-

   Copy a number from the redial list by pressing **REDIAL/PAUSE** and then press 📖/▲**VOL**, ▼**VOL/CID** or **REDIAL/PAUSE** repeatedly to choose a number. Press **MENU/SELECT** to copy the number.

3. Press **MENU/SELECT** to move to the name. The screen shows **ENTER NAME**.
4. Use the dialing keys (see page 34) to enter the name.
   - Press **MUTE/REMOVE** or **OFF/CLEAR** to backspace and erase a character.
   - Press and hold **MUTE/REMOVE** to erase the entire entry.
   - Press ▼**VOL/CID** to move the cursor to the left or 📖/▲**VOL** to the right.
5. Press **MENU/SELECT** to confirm. The screen displays **Saved** and you hear a confirmation tone.

Telephone operation

Character chart

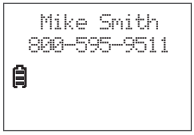
Use the dial pad and the chart below to enter a name (up to 15 characters). Each press of a particular key causes the characters to be displayed in the following order:

Number key	Characters by number of key presses										
	1	2	3	4	5	6	7	8	9	10	11
1	1	.	-	'	(	)	*	#	&	/	,
2	A	B	C	a	b	c	2				
3	D	E	F	d	e	f	3				
4	G	H	I	g	h	i	4				
5	J	K	L	j	k	l	5				
6	M	N	O	m	n	o	6				
7	P	Q	R	S	p	q	r	s	7		
8	T	U	V	t	u	v	8				
9	W	X	Y	Z	w	x	y	z	9		
0	space	0									
TONE*											
#											

note When entering a name in the directory, the first letter of each word is automatically capitalized. Press the number key repeatedly until the desired character appears.

Telephone operation

Search the directory



Entries are sorted alphabetically. To search the directory:

1. Press 📖/▲**VOL** when the handset is not in use.
   -OR-
   Press **MENU/SELECT** when the handset is not in use. Press 📖/▲**VOL** or ▼**VOL/CID** to highlight **>Directory** and then press **MENU/SELECT** twice.
2. Press 📖/▲**VOL** or ▼**VOL/CID** to browse.

Alphabetical search

To start an alphabetical search:

1. Press 📖/▲**VOL** when the handset is not in use.
   -OR-
   Press **MENU/SELECT** when the handset is not in use. Press 📖/▲**VOL** or ▼**VOL/CID** to highlight **>Directory** and then press **MENU/SELECT** twice.
2. Use the dialing keys to enter the letters associated with the name. For example, if you have name entries Jenny, Kristen and Linda in your directory, press **5** (JKL) once to find Jenny, twice to find Kristen, or three times to find Linda. If there is no name entry matching your search, the next closest match in alphabetical order appears. If necessary, press 📖/▲**VOL** or ▼**VOL/CID** to browse.

Dial a directory entry

1. Press 📖/▲**VOL** when the handset is not in use.
   -OR-
   Press **MENU/SELECT** when the handset is not in use. Press 📖/▲**VOL** or ▼**VOL/CID** to highlight **>Directory** and then press **MENU/SELECT** twice.
2. Press 📖/▲**VOL** or ▼**VOL/CID**, or use the alphabetical search to browse.
3. Press TALK/**FLASH** or 🔊.

Telephone operation

Edit a directory entry

Use the following steps to edit an entry in the directory.

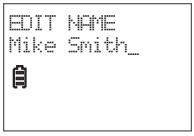
1. Press 📖/▲VOL when the handset is not in use.

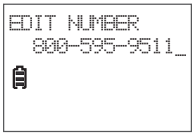
   -OR-

   Press **MENU/SELECT** when the handset is not in use. Press 📖/▲VOL or ▼VOL/CID to highlight **>Directory** and then press **MENU/SELECT** twice.
2. Press 📖/▲VOL or ▼VOL/CID, or use the alphabetical search (see page 35) to browse.
3. Press **MENU/SELECT** to highlight an entry. The screen shows **EDIT CONTACT >Name**.
4. To edit the name, press **MENU/SELECT**. Use the dialing keys (see page 34) to edit the name.
   - Press **MUTE/REMOVE** or **OFF/CLEAR** to backspace and erase a character.
   - Press and hold **MUTE/REMOVE** to erase the entire entry.
   - Press ▼VOL/CID to move the cursor to the left or 📖/▲VOL to the right.

   -OR-

   To edit the number, press 📖/▲VOL or ▼VOL/CID to highlight **>Number**. Then press **MENU/SELECT.** Use the dialing keys to edit the number.
   - Press **MUTE/REMOVE** or **OFF/CLEAR** to backspace and erase a digit.
   - Press and hold **MUTE/REMOVE** to erase the entire entry.
   - Press ▼VOL/CID to move the cursor to the left or 📖/▲VOL to the right.
   - Press and hold **REDIAL/PAUSE** to insert a dialing pause (a **p** appears).
5. Press **MENU/SELECT** to save. The screen shows **Saved** and you hear a confirmation tone.





Delete from the directory

1. When in the directory (see **Search the directory** on page 35), press 📖/▲VOL or ▼VOL/CID to browse to the desired entry.
2. Press **MUTE/REMOVE** to remove the selected entry. The screen shows **Delete contact?**
3. Press **MENU/SELECT** to confirm. The screen shows **Contact deleted** and you hear a confirmation tone.

Telephone operation

About caller ID

This product supports caller ID services provided by most telephone service providers. Depending on your service subscription, you may see the caller's number, or the caller's name and number that are sent by your telephone service provider after the first or second ring. Caller ID allows you to see the name, number, date and time of calls.

Caller ID with call waiting lets you see the name and telephone number of the caller before answering the telephone, even while on another call.

It may be necessary to change your telephone service to use this feature. Contact your telephone service provider if:

- You have both caller ID and call waiting, but as separate services (you may need to combine these services).
- You have only caller ID service, or only call waiting service.
- You do not subscribe to caller ID or call waiting services.

There are fees for caller ID services. In addition, services may not be available in all areas.

This product can provide information only if both you and the caller are in areas offering caller ID service and if both telephone service providers use compatible equipment. The time and date are sent by your telephone service provider along with the call information.

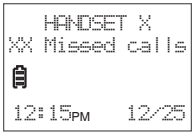
You can use this product with regular caller ID service, or you can use this product's other features without subscribing to either caller ID or combined caller ID with call waiting service.

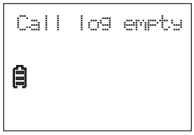
Telephone operation

Call log

If you subscribe to caller ID service, information about each caller will appear after the first or second ring. If you answer a call before the caller information appears on the screen, it will not be saved in the call log.

- The call log stores up to 50 entries. Each entry has up to 24 digits for the phone number and 15 characters for the name. If the phone number has more than 15 digits, only the last 15 digits appear. If the name has more than 15 characters, only the first 15 characters are shown and saved in the call log.
- You can review, redial and copy an entry into the directory.
- Entries appear in reverse chronological order.
- When the call log is full, the oldest entry is deleted to make room for new incoming call information.
- **XX Missed call(s)** shows when there are new call log entries that have not been reviewed.
- **Call log empty** shows when there are no records in the call log.
- Only one handset can review the call log at a time. If a handset tries to enter the call log while another handset is already in it, **Not available at this time** appears.





note

- The caller ID information may not be available for every incoming call. The callers may intentionally block their names and/or telephone numbers.
- For call log entries with numbers between 16 and 24 digits, in order to view the entire number, you must save the entry to the directory (see page 41).
- If the phone number has more than 24 digits, it will not be saved or shown in the call log.

Memory match

If the last seven digits of the incoming telephone number is an exact match with a telephone number in your directory, the name that appears on the screen matches the corresponding name in your directory.

For example, if Elizabeth Jones calls, her name appears as **Liz** if this is how you entered it into your directory.

note

The number you see on your caller ID is in the format sent by the telephone service provider. It usually delivers 10-digit telephone numbers (area code plus telephone number). If the last seven digits of the incoming telephone number does not match a number in your directory, the name appears as it is delivered by the telephone service provider.

Telephone operation

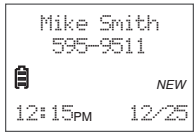
Missed calls indicator

When there are calls that have not been reviewed in the call log, the handset shows **XX Missed call(s)**.

Each time you review a call log entry marked ***NEW***, the number of missed calls decreases by one.

When you have reviewed all the missed calls, the missed calls indicator no longer shows.

If you do not want to review the missed calls one by one, press and hold **OFF/CLEAR** when the handset is not in use to erase the missed calls indicator. All the entries are then considered old and kept in the call log.

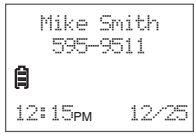


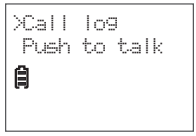
Review the call log

1. Press ▼**VOL/CID** when the handset is not in use.
2. Press 📖/▲**VOL** or ▼**VOL/CID** to browse through the call log.

-OR-

1. Press **MENU/SELECT** when the handset is not in use.
2. Press 📖/▲**VOL** or ▼**VOL/CID** to highlight **>Call log**, then press **MENU/SELECT**.
3. Press **MENU/SELECT** to choose **>Review**.
4. Press 📖/▲**VOL** or ▼**VOL/CID** to browse through the call log.



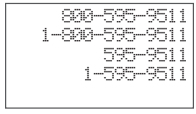


note

- The name (if available), telephone number, date and time of all incoming calls are shown on the screen.
- You hear a double beep when you reach the beginning or end of the call log list.

Telephone operation

View dialing options



Although the call log entries received have 10 digits (the area code plus the seven-digit number), in some areas, you might need to dial only the seven digits, or 1 plus the seven digits, or 1 plus the area code plus the seven digits. You can change the number of digits that you dial from the call log and store the new number to the directory.

While reviewing the call log, press # repeatedly to show different dialing options for local and long distance numbers before dialing or saving the telephone number in the directory.

Press **1** repeatedly if you need to add or remove 1 in front of the telephone number before dialing or saving it in the directory.

When the number is shown in the correct format for dialing, press TALK/**FLASH** or ◄)) to call the number.

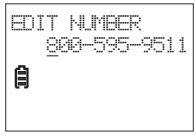
Dial a call log entry

1. When in the call log (see **Review the call log** on page 39), press 📖/▲**VOL** or ▼**VOL/CID** to browse to the desired entry.
2. Press TALK/**FLASH** or ◄)) to dial.

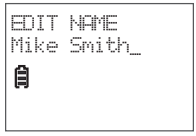
Telephone operation

Save a call log entry to the directory

1. When in the call log, press 📖/▲VOL or ▼VOL/CID to browse.
2. Press MENU/SELECT to highlight an entry. The screen displays **EDIT NUMBER**.
3. Use the dialing keys to edit the number.
   - Press MUTE/REMOVE or OFF/CLEAR to backspace and erase a digit.
   - Press and hold MUTE/REMOVE to erase the entire entry.
   - Press ▼VOL/CID to move the cursor to the left or 📖/▲VOL to the right.
   - Press and hold REDIAL/PAUSE to insert a dialing pause (a **p** appears).



4. Press MENU/SELECT to move to the name. The screen displays **EDIT NAME**.
5. Use the dialing keys (see page 34) to edit the name.
   - Press MUTE/REMOVE or OFF/CLEAR to backspace and erase a character.
   - Press and hold MUTE/REMOVE to erase the entire entry.
   - Press ▼VOL/CID to move the cursor to the left or 📖/▲VOL to the right.



6. Press MENU/SELECT to save. The screen shows **Saved** and you hear a confirmation tone.
   - If the entry is already saved in the directory, the handset shows **Already saved**.
   - If there is no caller ID information, the handset shows **Unable to save**.

Telephone operation

Delete from the call log

To delete one entry:

1. When in the call log, press 📖/▲VOL or ▼VOL/CID to browse.
2. Press MUTE/**REMOVE** to delete the selected entry.

To delete all entries:

1. Press **MENU**/SELECT when the handset is not in use.
2. Press 📖/▲VOL or ▼VOL/CID to highlight **>Call log**, then press MENU/**SELECT**.
3. Press 📖/▲VOL or ▼VOL/CID to highlight **>Del all calls**, then press MENU/**SELECT**. The screen shows **Delete all calls?**
4. Press MENU/**SELECT** to confirm. You hear a confirmation tone.

Call log display screen messages

Displays	When
PRIVATE NAME	The caller is blocking the name.
PRIVATE NUMBER	The caller is blocking the telephone number.
PRIVATE CALLER	The caller is blocking the name and number.
UNKNOWN NAME	This caller's name is unavailable.
UNKNOWN NUMBER	This caller's number is unavailable.
UNKNOWN CALLER	No information is available about this caller.
LONG DISTANCE **-OR-** L (before the caller's number)	It is a long distance call.

Answering system operation

Answering system and voicemail

Your telephone has separate indicators for two different types of voice messages: those left on its built-in answering system and those left at your service provider's voicemail. Your telephone's built-in answering system messages and voicemail messages are separate. Each alerts you to new messages differently.

- If ✉ and **New voicemail** display on the handset, your telephone service provider is indicating that it has new voicemail for you. To listen to your voicemail, you typically dial an access number provided by your telephone service provider, followed by a security code or PIN.
- To listen to messages recorded on your digital answering system, press **MENU/SELECT** twice on the handset (page 45) or ▶/■**/PLAY/STOP** on the telephone base (page 44).

Some service providers bundle or combine multiple services like voicemail and call waiting, so you may not be aware that you have voicemail. To check what services you have and how to access them, contact your telephone service provider.

To use your voicemail service rather than your answering system, turn off your answering system. To use your answering system rather than your voicemail service, contact your telephone service provider to deactivate your voicemail service. You can also use your telephone answering system and voicemail together by setting your built-in answering system to answer before voicemail answers as described below. To learn how to program your voicemail settings, contact your telephone service provider. Then, if you are on a call, or if the answering system is busy recording a message and you receive another call, the second caller can leave a voicemail message.

Set your answering system to answer calls at least two rings earlier than your voicemail is set to answer. For example, if your voicemail answers after six rings, set your answering system to answer after four rings. Some voicemail providers may program the delay before answering calls in seconds instead of rings. In this case, allow six seconds per ring when determining the appropriate setting.

Message capacity

The answering system can record and store up to 99 messages. Each message can be up to four minutes in length. The total storage capacity for the announcement, messages and memos is approximately 14 minutes. The actual recording time depends on individual message characteristics. Messages remain available for replay until you delete them.

Answering system operation

New message indication

The message window on the telephone base flashes and ∞ shows on the handset when there are new answering system messages.

If the new message alert tone is turned on, the telephone base beeps every 10 seconds when there are messages that have not been reviewed.

Call intercept

If you want to talk to the person whose message is being recorded, press TALK/**FLASH** or 🔊 on the handset.

Message playback

On the telephone base, if you have new messages, the telephone plays only the new messages (oldest first). If there are no new messages, the telephone plays back all messages (oldest first).

On the handset, if you have both new and old messages, you can play either new or old messages.

When playback begins, you hear the total number of messages followed by the day and time of the message. After the last message, the telephone announces, *"End of messages."*

To play messages with the telephone base:

1. Press ▶/■**/PLAY/STOP** when the phone is not in use.

   Options during playback:

   - Press ▲**/VOL** or **VOL/**▼ to adjust the speaker volume.
   - Press ⏭**/SKIP** to skip to the next message.
   - Press ⏮**/REPEAT** to repeat the message currently playing. Press ⏮**/REPEAT** twice to listen to the previous message.
   - Press **X/DELETE** to delete the current message. The system advances to the next message.
   - Press ▶/■**/PLAY/STOP** to stop.

Answering system operation

Message playback (continued)

To play messages with a handset:

1. Press **MENU/SELECT** when the handset is not in use.
2. Press **MENU/SELECT** to highlight **>Play messages**. If you have either new or old messages, the messages play automatically.

   If you have both new and old messages:

   - To play new messages, press **MENU/SELECT** to highlight **>Play new msgs**.
   - To play old messages, press **▼VOL/CID** to highlight **>Play old msgs**, then press **MENU/SELECT**.

   Options during playback:

   - Press **/▲VOL** or **▼VOL/CID** to adjust the speaker volume.
   - Press **EQ** to adjust the handset message playback audio quality.
   - Press **6** to skip to the next message.
   - Press **4** to repeat the message currently playing. Press **4** twice to listen to the previous message.
   - Press **3** to delete the current message. The system advances to the next message.
   - Press **5** to stop.

note

- When the answering system has less than three minutes of recording time left, the remaining time is announced.
- When the telephone is not in use, if **F** and the number of messages are flashing alternately in the message window, or the handset displays **Rec mem full**, the memory is full. Delete some messages to make room for more.
- You can only delete old messages, which are messages you have played.

Answering system operation

Delete all messages

To delete all messages with the telephone base:

1. Press **X/DELETE** when the phone is not in use.
2. The telephone announces, *"To delete all old messages, press **DELETE** again."* Press **X/DELETE** again. All previously heard messages are erased and the telephone announces, "*All old messages deleted.*"

To delete all messages with a handset:

1. Press **MENU/SELECT** when the handset is not in use.
2. Press ✎/▲VOL or ▼VOL/CID to highlight **>Answering Sys**, then press **MENU/SELECT**.
3. Press ✎/▲VOL or ▼VOL/CID to highlight **>Delete all old**, then press **MENU/SELECT**. The handset shows **Delete all old messages?**
4. Press **MENU/SELECT** to confirm your selection.

Record and play memos

Memos are your own recorded messages used as reminders for yourself or others using the same answering system. You can record your own memos using a system handset. Play and delete them in the same way as incoming messages.

To record a memo:

1. Press **MENU/SELECT** when the handset is not in use.
2. Press ✎/▲VOL or ▼VOL/CID to highlight **>Answering Sys**, then press **MENU/SELECT**.
3. Press ✎/▲VOL or ▼VOL/CID to highlight **>Record memo**, then press **MENU/SELECT**.
4. The handset announces, *"Record after the tone. Press **5** when you are done."* After the tone, speak towards the microphone of the handset.
5. Press **5** when finished recording. The handset announces, *"Recorded."*

note

- *"Memory is full"* is announced if you record a memo when the memory is full.
- Each memo can be up to four minutes in length.
- Memos shorter than two seconds are not recorded.

Answering system operation

Message window displays

Window display	Description
0	No messages.
1–99	Total number of old messages recorded. Current message number during old message playback.
0–99 (flashing)	When time and date are not set, it flashes 0, or total number of new messages recorded, or total number of old messages recorded. The telephone base may have lost and regained power. The clock needs to be set.
1–99 & F (alternating)	Memory is full with total number of messages recorded.
1–8	Telephone base speaker volume level while adjusting.
----	The system is answering a call, or recording a memo or announcement. Telephone is answering a call or being accessed remotely. The answering system is being programmed.
0–6	Telephone base ringer level while adjusting.

note When the memory is full, the answering system answers incoming calls after 10 rings and announces, *"Memory is full. Enter the remote access code."*

Answering system operation

Remote access

A two-digit security code is required to access the answering system remotely from any touch-tone telephone. The preset code is **19**; see **Remote access code** on page 18 to change it.

1. Dial your telephone number from any touch-tone telephone.
2. When the system plays your announcement, enter the two-digit security code.
3. Then you can enter one of the following remote commands.

Command	Function
1	Play all messages.
2	Play only new messages.
3	Delete the current message (during playback).
33	Delete all old messages.
4	Repeat the current message (during playback).
5	Stop.
***5**	Hear a list of remote commands.
6	Skip to the next message (during playback).
***7**	Record a new announcement.
8	End the call.
0	Turn the answering system on or off.

4. Hang up or press **8** to end the call.

note

- If you do not press any keys after you enter the remote access code, all new messages play. If there are no new messages, all old messages play.
- Once the new messages have played, the telephone announces the help menu options. If you do not press any key within 20 seconds, the remote access call automatically disconnects.
- When the answering system is turned off, the telephone answers after 10 rings, and announces, *“Please enter your remote access code.”*

Appendix

Handset display screen messages

Already saved	The telephone number entered is already stored in the directory.
Call log empty	There are no call log entries.
Calling handset X (for models with three or more handsets) Calling other handset (for models with two handsets)	Calling another handset.
Directory empty	There are no directory entries.
Directory full	The directory is full.
Ended	You have just ended a call.
Handset X is calling (for models with three or more handsets) Other handset is calling (for models with two handsets)	Another system handset is calling.
Incoming call	There is an incoming call.
Intercom	The handset is on an intercom call.
Intercom ended	You have just ended an intercom call.
Line in use	A system handset or another telephone on the same line is in use, or the answering system is answering a call.
Low battery	The battery needs to be recharged.
Microphone ON	**MUTE** is turned off and the person on the other end can hear you.
Muted	You have turned off the handset microphone. The other party cannot hear you but you can hear the other party.
New voicemail	There are new voicemail messages from your telephone service provider.
No battery	No battery is installed. Follow the directions for battery installation on page 3 to install the battery before charging.
No line	There is no telephone line connected.

Appendix

Handset display screen messages

No signal. call ended	Communication between the handset and telephone base is lost during a call.
Not available at this time	One handset is already viewing the call log or directory and another handset attempts to review it.
Out of range OR No pwr at base	The handset cannot communicate with the telephone base. Check the telephone base power connection or move closer.
** Paging **	The system handset is being paged.
Phone	The handset is on a call.
Place in charger	The battery is very low. Place the handset in the telephone base or charger for recharging.
Rec mem full	Answering system has no recording time left.
Rec mem low	Answering system has less than three minutes of recording time left.
Ringer mute	The ringer is muted temporarily during an incoming or intercom call.
Saved	Your selection has been saved.
Speaker	The handset speakerphone is in use.
Unable to call. Try again	You have attempted to make an intercom call, but the handset you are calling is in the directory, in the call log, out of range or on an outside call.
Unable to save	You are attempting to save a caller ID entry without a name and number.
XX Missed calls	There are calls that have not been reviewed in your call log.
XX New messages	There are new messages in the answering system.

Appendix

Handset and telephone base indicators

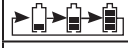
Handset lights

	On when the handset speakerphone is in use.
CHARGE	On when the handset is charging in the telephone base or charger.

Telephone base lights

IN USE	On when the telephone line is in use. On when the answering system is answering a call. On when you are registering a handset. Flashes quickly when there is an incoming call. Flashes when another telephone sharing the same line is in use. Flashes when you are deregistering all handsets.
/ANS ON/OFF	On when the answering system is turned on.

Handset icons

	Battery status - flashes when the battery is low and needs charging.
	Battery status - animates when the battery is charging.
	Battery status - becomes solid when the battery is fully charged.
	Speakerphone is in use.
	Handset ringer off.
	New voicemail received from your telephone service provider.
ANS ON	Answering system is turned on.
	New answering system messages.
NEW	New call log entries.
MUTE	Microphone is muted.
	Message number currently playing and total number of messages recorded.

Appendix

Battery

It takes up to 16 hours for the battery to be fully charged. When it is fully charged, you can expect the following performance:

Operation	Operating time
While in handset use (talking*)	Up to seven hours
While in speakerphone mode (talking*)	Up to five hours
While not in use (standby**)	Up to seven days

*Operating times vary depending on your actual use and the age of the battery.
**Handset is not charging or in use.

The battery needs charging when:

- A new battery is installed in the handset.
- The handset beeps.
- A battery is properly installed and the screen is blank.
- **Low battery** or **Place in charger** shows on the handset screen.

CAUTION:

To reduce the risk of fire or injury, read and follow these instructions:

- Use only the battery(ies) provided or equivalent. To order a replacement, visit our website at www.vtechphones.com or call 1 (800) 595-9511. In Canada, go to www.vtechcanada.com or dial 1 (800) 267-7377.
- Do not dispose of the battery(ies) in a fire. Check with local waste management codes for special disposal instructions.
- Do not open or mutilate the battery(ies). Released electrolyte is corrosive and may cause burns or injury to the eyes or skin. The electrolyte may be toxic if swallowed.
- Exercise care in handling batteries in order not to create a short circuit with conductive materials.
- Charge the battery(ies) provided with or identified for use with this product only in accordance with the instructions and limitations specified in this manual.
- Observe proper polarity orientation between the battery and metallic contacts.
- To prevent fire or shock hazard, do not expose this product to water or any type of moisture.

Appendix

Expand your telephone system

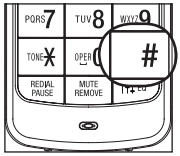
The handsets provided with your telephone system are already registered. Each handset is assigned a number that displays on the handset. Additional handsets registered to the telephone system are assigned in sequential order. For instance, if the telephone system already has **HANDSET 1** and **HANDSET 2**, the new registered handset is assigned **HANDSET 3**. This telephone system accommodates up to five handsets.

Add and register a handset (optional)

You can add new handsets (**LS6305**, purchased separately) to your telephone system. Each handset must be registered with the telephone base before use. When first purchased, each handset shows **1.Press FIND HS on base 4sec** and **2.Then press # on handset** alternately. You may need to charge the handset before registering it to the telephone base. For more details on battery charging, see page 4.

To register a handset:

1. Place the unregistered handset in the telephone base or charger. If **1.Press FIND HS on base 4sec** and **2.Then press # on handset** do not appear alternately on the handset screen after a few seconds, remove the handset and place it in the telephone base or charger again.
2. On the telephone base, press and hold **FIND HANDSET** for about four seconds until the red **IN USE** light on the telephone base turns on.
3. Remove the handset from the telephone base or charger and then press **#** (pound key). It displays **Registering...Please wait**. It takes about 10 seconds to complete the registration. The handset shows **HANDSET X Registered** and you hear a beep when the registration completes.



note

- If the registration fails, the handset displays **Registration failed** for a few seconds, then **1.Press FIND HS on base 4sec** and **2.Then press # on handset** alternately. To reset the handset, remove it from the telephone base and place it back in. Try the registration process again.
- You cannot register a handset if any other system handset is in use.

Appendix

Replace a handset

If you want to replace a handset or reassign the designated handset number of a registered handset, you must deregister all the handsets and then individually register each handset.

To make deregistration easier, read all of the instructions on this page before you begin.

To deregister all handsets:

1. Press and hold **/FIND HANDSET** on the telephone base for about 10 seconds until the **IN USE** light on the telephone base turns on and starts to flash.
2. Press and release **/FIND HANDSET** again. You must press **/FIND HANDSET** while the **IN USE** light is still flashing. The **IN USE** light flashes for approximately seven seconds.
3. The deregistration process takes about 10 seconds to complete. All handsets show **1.Press FIND HS on base 4sec** and **2.Then press # on handset** alternately when the deregistration completes.

If deregistration fails, you may need to reset the telephone and try again.

To reset:

1. Pick up the registered handset and then press TALK/**FLASH**.
2. Press **OFF/CLEAR** and place the handset in the telephone base.

-OR-

1. Unplug the power from the telephone base, then plug it back in.

note You cannot deregister a handset if any system handset is in use.

Appendix

Troubleshooting

If you have difficulty with your telephone, please try the suggestions below. For customer service, visit our website at www.vtechphones.com, or call 1 (800) 595-9511. In Canada, go to www.vtechcanada.com or dial 1 (800) 267-7377.

My telephone does not work at all.

- Make sure the battery is installed and charged correctly (pages 3-4). For optimum daily performance, return the handset to the telephone base or charger after use.
- Make sure the power adapter is securely plugged into an outlet not controlled by a wall switch.
- Make sure the telephone line cord is plugged firmly into the telephone base and the telephone wall jack.
- Unplug the electrical power to the telephone base. Wait for approximately 15 seconds, then plug it back in. Allow up to one minute for the cordless handset and telephone base to synchronize.
- Charge the battery in the handset for up to 16 hours.
- If the battery is completely depleted, it can take up to 10 minutes to charge the handset before **Low battery** appears on the screen (page 4).
- Completely remove and install the battery again. If that still does not work, it might be necessary to purchase a new battery.
- Disconnect the telephone base from the telephone wall jack and plug in a working telephone. If the other telephone does not work, the problem is probably in the wiring or telephone service. Call your telephone service provider.

There is no dial tone.

- First, try all the above suggestions.
- Move the handset closer to the telephone base. It might be out of range.
- The telephone line cord might be malfunctioning. Install a new telephone line cord.
- Disconnect the telephone base from the telephone wall jack and connect a different telephone. If there is no dial tone on this telephone either, the problem is in your wiring or telephone service. Contact your telephone service provider.

I cannot dial out.

- First, try all the above suggestions.
- Make sure there is a dial tone before dialing. It is normal if the handset takes a second or two to synchronize with the telephone before producing a dial tone. Wait an extra second before dialing.
- If the other telephones in your home are having the same problem, the problem is in the wiring or telephone service. Contact your telephone service provider.
- Eliminate any background noise. Mute the cordless handset before dialing, or dial from another room in your home with less background noise.

Appendix

Troubleshooting

Low battery shows on screen.

- Place the handset in the telephone base or charger for recharging.
- Completely remove and install the battery again and use it until fully depleted, then recharge the handset in the telephone base or charger for up to 16 hours.
- If the above measures do not correct the problem, replace the battery.

The battery does not charge in the handset or the handset battery does not accept charge.

- Make sure the handset is placed in the telephone base or charger correctly. The **CHARGE** light on the handset should be on.
- Completely remove and install the battery again, then charge for up to 16 hours.
- If the handset is in the telephone base or charger but the **CHARGE** light on the handset is not on, refer to **The CHARGE light is off** in this section.
- If the battery is completely depleted, it can take up to 10 minutes to charge the handset before **Low battery** appears on the screen (page 4).
- Purchase a new battery. Refer to the **Battery** section (page 52).

The CHARGE light is off.

- Clean the charging contacts on the handset and telephone base each month with a pencil eraser or a dry non-abrasive fabric.
- Make sure the power adapter and telephone line cord are plugged in correctly and securely.
- Unplug the power adapter. Wait for 15 seconds before plugging it back in. Allow up to one minute for the handset and telephone base to reset.

The telephone does not ring when there is an incoming call.

- Make sure the handset ringer volume is not set to the lowest level (page 11) and the telephone base ringer volume is not set to zero (page 11).
- Make sure the telephone line cord and power adapter are plugged in properly (page 2).
- The handset may be too far from the telephone base. Move it closer to the telephone base.
- There may be too many extension phones on the telephone line to allow all of them to ring simultaneously. Unplug some of them.
- If the other telephones in your home are having the same problem, the problem is in the wiring or telephone service. Contact your telephone service provider.
- Other electronic products such as HAM Radios and other DECT Phones can cause interference with your cordless phone. Try installing your phone as far away as possible from these types of electronic devices.
- Test a working telephone at the telephone wall jack. If another telephone has the same problem, the problem is in the telephone wall jack. Contact your telephone service provider.
- The telephone line cord may be malfunctioning. Install a new telephone line cord.

Appendix

Troubleshooting

- Completely remove and install the battery again and place the handset in the telephone base or charger.
- Wait for the handset to synchronize with the telephone base. Allow up to one minute for this to take place.

My handset beeps and is not performing normally.

- Make sure the power cord is securely plugged into the telephone base. Plug the telephone base into a different working electrical outlet not controlled by a wall switch.
- Move the handset closer to the telephone base. It may be out of range.
- Reset the telephone base by unplugging the electrical power to the base. Wait for 15 seconds and plug it back in again. Allow up to one minute for the cordless handset and the telephone base to synchronize.
- Other electronic products such as HAM Radios and other DECT Phones can cause interference with your cordless phone. Try installing your phone as far away as possible from these types of electronic devices.

There is interference during a telephone conversation. My calls fade out when I am using the cordless handset.

- The handset may be out of range. Move it closer to the telephone base.
- If you subscribe to high-speed Internet service (digital subscriber line - DSL) through your telephone line, you must install a DSL filter between the telephone line cord and the telephone wall jack. The filter prevents noise and caller ID problems caused by DSL interference. Contact your DSL service provider for more information about DSL filters.
- Appliances or other cordless telephones plugged into the same circuit as the telephone base can cause interference. Try moving the appliance or telephone base to another outlet.
- Other electronic products such as HAM Radios and other DECT Phones can cause interference with your cordless phone. Try installing your phone as far away as possible from these types of electronic devices.
- If your telephone is plugged in with a modem or a surge protector, plug the telephone (or modem/surge protector) into a different location. If this doesn't solve the problem, relocate your telephone or modem farther apart from each other, or use a different surge protector.
- The location of your telephone base can impact the performance of your cordless phone. For better reception, install the telephone base in a centralized location within your home or office, away from walls or other obstructions. In many environments, elevating the telephone base improves overall performance.
- Disconnect the telephone base from the telephone wall jack and plug in a corded telephone. If calls are still not clear, the problem is probably in the wiring or telephone service. Contact your telephone service provider (charges may apply).
- If the other telephones in your home are having the same problem, the problem is in the wiring or telephone service. Contact your telephone service provider.

Appendix

Troubleshooting

I hear other calls when using the telephone.

- Disconnect the telephone base from the telephone wall jack. Plug in a different telephone. If you still hear other calls, the problem is probably in the wiring or telephone service. Call your telephone service provider.

I hear noise on the cordless handset and the keys do not work.

- Make sure the telephone line cord is plugged in securely.

Registration failed appears on the handset.

- Only one handset can be registered at a time. If you have multiple handsets to register, please follow the instructions on page 53 for the first handset. Once a handset has been successfully registered, repeat the steps for each handset that needs to be registered.
- Make sure that the telephone base and handset(s) are in idle mode when registering a handset.
- Follow the steps on page 61 for the common cure for electronic equipment, then try again to register a handset.

My caller ID features are not working properly.

- Caller ID is a subscription service. You must subscribe to this service from your telephone service provider for this feature to work on your telephone.
- The caller may not be calling from an area which supports caller ID.
- Both your and your caller's telephone service providers must use equipment compatible with the caller ID service.
- The caller ID information shows after the first or second ring.
- If you subscribe to high-speed Internet service (digital subscriber line - DSL) through your telephone line, you must install a DSL filter between the telephone line cord and the telephone wall jack. The filter prevents noise and caller ID problems caused by DSL interference. Contact your DSL service provider for more information about DSL filters.

The telephone does not receive caller ID or the telephone does not show caller ID during call waiting.

- Make sure you subscribe to caller ID with call waiting features provided by your telephone service provider.
- The caller may not be calling from an area which supports caller ID.
- Both your and your caller's telephone service providers must use equipment compatible with caller ID service.
- If you subscribe to high-speed Internet service (digital subscriber line - DSL) through your telephone line, you must install a DSL filter between the telephone line cord and the telephone wall jack. The filter prevents noise and caller ID problems caused by DSL interference. Contact your DSL service provider for more information about DSL filters.

Appendix

Troubleshooting

Caller ID entries do not match the numbers I need to dial.

- Caller ID service delivers 10 digits (the area code plus the seven-digit number). If you need to dial something other 10 digits, see page 40 for instructions on changing the number.
- If you dial seven digits for local calls, you may want to use the home area code feature (page 14).

Out of range OR No pwr at base shows in the handset screen.

- The handset may be out of range. Move it closer to the telephone base.
- Make sure the power cord is securely plugged into the telephone base. Use a working electrical outlet not controlled by a wall switch.
- Reset your telephone by unplugging the power adapter from the telephone base. Disconnect the battery from the cordless handset. Wait for 15 seconds, then plug in the power adapter and install the battery again. Place the handset in the telephone base and allow up to one minute for the handset and telephone base to synchronize.
- Other electronic products such as HAM Radios and other DECT Phones can cause interference with your cordless phone. Try installing your phone as far away as possible from these types of electronic devices.

New voicemail and show on the display and I don't know why.

- Your telephone has voicemail indication that is separate from the built-in answering system. If **New voicemail** and appear on the display, then your telephone has received a signal from your telephone service provider that you have a voicemail message waiting for you to retrieve from your telephone service provider. Contact your telephone service provider for more information on how to access your voicemail.

I cannot retrieve voicemail messages.

- Your telephone has both a built-in answering system and voicemail indication. They are independent features and each alerts you to new messages differently (page 43). If you subscribe to voicemail service from your telephone service provider (charges may apply), contact your telephone service provider for more information on how to access your voicemail.

The answering system does not answer after the correct number of rings.

- Make sure the answering system is on. When the answering system is on, the ⏻**/ANS ON/OFF** light on the telephone base should be lit and **ANS ON** should show on the handset.
- If toll saver is selected, the number of rings changes to two when there are new messages waiting (page 17).
- If the memory is full or if the answering system is off, the answering system answers after 10 rings.

Appendix

Troubleshooting

- In some cases, the answering system is affected by the ringing system used by your telephone service provider.
- If you subscribe to voicemail service, change the number of rings so that your answering system answers before your voicemail answers (page 43). To determine how many rings activate your voicemail, please contact your telephone service provider.
- If there is a fax machine connected to the same telephone line, try disconnecting the fax machine. If that solves the problem, consult your fax machine documentation for information on compatibility with answering systems.

The outgoing announcement is not clear.

- When recording the announcement, make sure you speak in a normal tone of voice towards the microphone of the handset.
- Make sure there is no background noise when recording.

The answering system does not record messages.

- Make sure the answering system is on.
- When the answering machine memory is full, it does not record new messages until some old messages are deleted.
- If you subscribe to voicemail service, change the number of rings so that your answering system answers before your voicemail answers (page 43). To determine how many rings activate your voicemail, please contact your telephone service provider.
- If there is a fax machine connected to the same telephone line, try disconnecting the fax machine. If that solves the problem, consult your fax machine documentation for information on compatibility with answering systems.

The messages on the answering system are very difficult to hear.

- Press **▲/VOL** on the telephone base or **📖/▲VOL** on the handset to increase the speaker volume.

The messages on the answering system are incomplete.

- If a caller leaves a very long message, part of it may be lost when the answering system disconnects the call after four minutes.
- If the memory on the answering system becomes full during a message, the answering system stops recording and disconnects the call.
- If the caller's voice is very soft, the answering system may stop recording and disconnect the call.

The answering system does not respond to remote commands.

- Make sure your remote access code is correct (page 18).

Appendix

Troubleshooting

- Make sure you are calling from a touch-tone telephone. When dialing a number, there should be tones. If there are clicks, then it is not a touch-tone telephone and cannot activate the answering system.
- The answering system may not detect the remote access code when your announcement is playing. Wait until the announcement is over before entering the code.
- There may be interference on the telephone line you are using. Press the dial pad keys firmly when dialing.

I subscribe to a nontraditional telephone service that uses my computer to establish connections, and my telephone doesn't work.

- Make sure your computer is powered on.
- Make sure your Internet connection is working properly.
- Make sure that the software is installed and running for your nontraditional telephone service.
- Make sure to plug your USB telephone adapter into a dedicated USB port on your computer. Do not plug into a multiple port USB hub (USB splitter) that is not powered.
- In a few rare instances, the USB port on your computer may not have enough power. In these instances, try using a USB hub with its own external power supply.
- If you are using a firewall, it may prevent access to your nontraditional telephone service. Contact your service provider for more information.

Common cure for electronic equipment.

- If the telephone is not responding normally, put the cordless handset in the telephone base. If it does not respond, try the following (in the order listed):
  - Disconnect the power to the telephone base.
  - Disconnect the battery on the cordless handset.
  - Wait a few minutes before connecting power to the telephone base.
  - Completely remove and install the battery again and place the cordless handset in the telephone base or charger.
  - Wait for the cordless handset to synchronize with the telephone base. Allow up to one minute for this to take place.

Appendix

Important safety instructions

When using your telephone equipment, basic safety precautions should always be followed to reduce the risk of fire, electric shock and injury, including the following:

1. Read and understand all instructions.
2. Follow all warnings and instructions marked on the product.
3. Unplug this product from the wall outlet before cleaning. Do not use liquid or aerosol cleaners. Use a damp cloth for cleaning.
4. Do not use this product near water.
5. Do not place this product on an unstable table, shelf, stand or other unstable surfaces.
6. Slots and openings in the back or bottom of the telephone base and handset are provided for ventilation. To protect them from overheating, these openings must not be blocked by placing the product on a soft surface such as a bed, sofa or rug. This product should never be placed near or over a radiator or heat register. This product should not be placed in any area where proper ventilation is not provided.
7. This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply in your home or office, consult your dealer or local power company.
8. Do not allow anything to rest on the power cord. Do not install this product where the cord may be walked on.
9. Never push objects of any kind into this product through the slots in the telephone base or handset because they may touch dangerous voltage points or create a short circuit. Never spill liquid of any kind on the product.
10. To reduce the risk of electric shock, do not disassemble this product, but take it to an authorized service facility. Opening or removing parts of the telephone base or handset other than specified access doors may expose you to dangerous voltages or other risks. Incorrect reassembling can cause electric shock when the product is subsequently used.
11. Do not overload wall outlets and extension cords.
12. Unplug this product from the wall outlet and refer servicing to an authorized service facility under the following conditions:
    A. When the power supply cord or plug is damaged or frayed.
    B. If liquid has been spilled onto the product.
    C. If the product has been exposed to rain or water.
    D. If the product does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operation instructions. Improper adjustment of other controls may result in damage and often requires extensive work by an authorized technician to restore the product to normal operation.
    E. If the product has been dropped and the telephone base and/or handset has been damaged.
    F. If the product exhibits a distinct change in performance.
13. Avoid using a telephone (other than cordless) during an electrical storm. There is a remote risk of electric shock from lightning.
14. Do not use the telephone to report a gas leak in the vicinity of the leak.
15. Only put the handset of your telephone next to your ear when it is in normal talk mode.
16. The power adapters are intended to be correctly oriented in a vertical or floor mount position. The prongs are not designed to hold the plug in place if it is plugged into a ceiling, under-the-table or cabinet outlet.

SAVE THESE INSTRUCTIONS

Appendix

Precautions for users of implanted cardiac pacemakers

Cardiac pacemakers (applies only to digital cordless telephones):

Wireless Technology Research, LLC (WTR), an independent research entity, led a multidisciplinary evaluation of the interference between portable wireless telephones and implanted cardiac pacemakers. Supported by the U.S. Food and Drug Administration, WTR recommends to physicians that:

Pacemaker patients

- Should keep wireless telephones at least six inches from the pacemaker.
- Should NOT place wireless telephones directly over the pacemaker, such as in a breast pocket, when it is turned ON.
- Should use the wireless telephone at the ear opposite the pacemaker.

WTR's evaluation did not identify any risk to bystanders with pacemakers from other persons using wireless telephones.

Operating range

This cordless telephone operates with the maximum power allowed by the Federal Communications Commission (FCC). Even so, this handset and telephone base can communicate over only a certain distance - which can vary with the locations of the telephone base and handset, the weather, and the layout of your home or office.

When the handset is out of range, the handset displays **Out of range OR No pwr at base**.

If there is a call while the handset is out of range, it might not ring, or if it does ring, the call might not connect well when you press TALK/**FLASH**. Move closer to the telephone base, then press TALK/**FLASH** to answer the call.

If the handset moves out of range during a telephone conversation, there might be interference.

To improve reception, move closer to the telephone base.

Appendix

Maintenance

Taking care of your telephone
Your cordless telephone contains sophisticated electronic parts, so it must be treated with care.

Avoid rough treatment
Place the handset down gently. Save the original packing materials to protect your telephone if you ever need to ship it.

Avoid water
Your telephone can be damaged if it gets wet. Do not use the handset outdoors in the rain, or handle it with wet hands. Do not install the telephone base near a sink, bathtub or shower.

Electrical storms
Electrical storms can sometimes cause power surges harmful to electronic equipment. For your own safety, take caution when using electrical appliances during storms.

Cleaning your telephone
Your telephone has a durable plastic casing that should retain its luster for many years. Clean it only with a soft cloth slightly dampened with water or a mild soap. Do not use excess water or cleaning solvents of any kind.

Remember that electrical appliances can cause serious injury if used when you are wet or standing in the water. If the telephone base should fall into the water, DO NOT RETRIEVE IT UNTIL YOU UNPLUG THE POWER CORD AND TELEPHONE LINE CORD FROM THE WALL. Then remove the telephone by the unplugged cords.

Appendix

About cordless telephones

- **Privacy:** The same features that make a cordless telephone convenient create some limitations. Telephone calls are transmitted between the telephone base and the cordless handset by radio waves, so there is a possibility that the cordless telephone conversations could be intercepted by radio receiving equipment within range of the cordless handset. For this reason, you should not think of cordless telephone conversations as being as private as those on corded telephones.
- **Electrical power:** The telephone base of this cordless telephone must be connected to a working electrical outlet. The electrical outlet should not be controlled by a wall switch. Calls cannot be made from the cordless handset if the telephone base is unplugged, switched off or if the electrical power is interrupted.
- **Potential TV interference:** Some cordless telephones operate at frequencies that may cause interference to televisions and VCRs. To minimize or prevent such interference, do not place the telephone base of the cordless telephone near or on top of a TV or VCR. If interference is experienced, moving the cordless telephone farther away from the TV or VCR often reduces or eliminates the interference.
- **Rechargeable batteries:** Exercise care in handling batteries in order not to create a short circuit with conducting material such as rings, bracelets, and keys. The battery or conductor may overheat and cause harm. Observe proper polarity between the battery and the battery charger.
- **Nickel-metal hydride rechargeable batteries:** Dispose of these batteries in a safe manner. Do not burn or puncture the battery. Like other batteries of this type, if burned or punctured, they could release caustic material which could cause injury.

The RBRC® seal

The RBRC® seal on the nickel-metal hydride battery indicates that VTech Communications, Inc. is voluntarily participating in an industry program to collect and recycle these batteries at the end of their useful lives, when taken out of service within the United States and Canada.

The RBRC® program provides a convenient alternative to placing used nickel-metal hydride batteries into the trash or municipal waste, which may be illegal in your area.

VTech's participation in RBRC® makes it easy for you to drop off the spent battery at local retailers participating in the RBRC® program or at authorized VTech product service centers. Please call **1 (800) 8 BATTERY™** for information on Ni-MH battery recycling and disposal bans/restrictions in your area. VTech's involvement in this program is part of its commitment to protecting our environment and conserving natural resources.

RBRC® is a registered trademark of Rechargeable Battery Recycling Corporation.

Appendix

Warranty

What does this limited warranty cover?

The manufacturer of this VTech Product warrants to the holder of a valid proof of purchase ("Consumer" or "you") that the Product and all accessories provided in the sales package ("Product") are free from defects in material and workmanship, pursuant to the following terms and conditions, when installed and used normally and in accordance with the Product operating instructions. This limited warranty extends only to the Consumer for Products purchased and used in the United States of America and Canada.

What will VTech do if the Product is not free from defects in materials and workmanship during the limited warranty period ("Materially Defective Product")?

During the limited warranty period, VTech's authorized service representative will repair or replace at VTech's option, without charge, a Materially Defective Product. If we repair the Product, we may use new or refurbished replacement parts. If we choose to replace the Product, we may replace it with a new or refurbished Product of the same or similar design. We will retain defective parts, modules, or equipment. Repair or replacement of the Product, at VTech's option, is your exclusive remedy. VTech will return the repaired or replacement Products to you in working condition. You should expect the repair or replacement to take approximately 30 days.

How long is the limited warranty period?

The limited warranty period for the Product extends for ONE (1) YEAR from the date of purchase. If VTech repairs or replaces a Materially Defective Product under the terms of this limited warranty, this limited warranty also applies to the repaired or replacement Product for a period of either (a) 90 days from the date the repaired or replacement Product is shipped to you or (b) the time remaining on the original one-year warranty; whichever is longer.

What is not covered by this limited warranty?

This limited warranty does not cover:

1. Product that has been subjected to misuse, accident, shipping or other physical damage, improper installation, abnormal operation or handling, neglect, inundation, fire, water or other liquid intrusion; or
2. Product that has been damaged due to repair, alteration or modification by anyone other than an authorized service representative of VTech; or
3. Product to the extent that the problem experienced is caused by signal conditions, network reliability, or cable or antenna systems; or
4. Product to the extent that the problem is caused by use with non-VTech accessories; or
5. Product whose warranty/quality stickers, product serial number plates or electronic serial numbers have been removed, altered or rendered illegible; or
6. Product purchased, used, serviced, or shipped for repair from outside the United States of America or Canada, or used for commercial or institutional purposes (including but not limited to Products used for rental purposes); or
7. Product returned without a valid proof of purchase (see item 2 below); or
8. Charges for installation or set up, adjustment of customer controls, and installation or repair of systems outside the unit.

Appendix

Warranty (continued)

How do you get warranty service?

To obtain warranty service in the United States of America, visit www.vtechphones.com or call 1 (800) 595-9511. In Canada, go to www.vtechcanada.com or dial 1 (800) 267-7377.
NOTE: Before calling for service, please review the user's manual - a check of the Product's controls and features may save you a service call.

Except as provided by applicable law, you assume the risk of loss or damage during transit and transportation and are responsible for delivery or handling charges incurred in the transport of the Product(s) to the service location. VTech will return repaired or replaced Product under this limited warranty. Transportation, delivery or handling charges are prepaid. VTech assumes no risk for damage or loss of the Product in transit. If the Product failure is not covered by this limited warranty, or proof of purchase does not meet the terms of this limited warranty, VTech will notify you and will request that you authorize the cost of repair prior to any further repair activity. You must pay for the cost of repair and return shipping costs for the repair of Products that are not covered by this limited warranty.

What must you return with the Product to get warranty service?

1. Return the entire original package and contents including the Product to the VTech service location along with a description of the malfunction or difficulty; and
2. Include a "valid proof of purchase" (sales receipt) identifying the Product purchased (Product model) and the date of purchase or receipt; and
3. Provide your name, complete and correct mailing address, and telephone number.

Other limitations

This warranty is the complete and exclusive agreement between you and VTech. It supersedes all other written or oral communications related to this Product. VTech provides no other warranties for this Product. The warranty exclusively describes all of VTech's responsibilities regarding the Product. There are no other express warranties. No one is authorized to make modifications to this limited warranty and you should not rely on any such modification.

State/Provincial Law Rights: This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state or province to province.

Limitations: Implied warranties, including those of fitness for a particular purpose and merchantability (an unwritten warranty that the Product is fit for ordinary use) are limited to one year from the date of purchase. Some states/provinces do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you. In no event shall VTech be liable for any indirect, special, incidental, consequential, or similar damages (including, but not limited to lost profits or revenue, inability to use the Product or other associated equipment, the cost of substitute equipment, and claims by third parties) resulting from the use of this Product. Some states/provinces do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

Please retain your original sales receipt as proof of purchase.

Appendix

FCC, ACTA and IC regulations

FCC Part 15

This equipment has been tested and found to comply with the requirements for a Class B digital device under Part 15 of the Federal Communications Commission (FCC) rules. These requirements are intended to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications to this equipment not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Privacy of communications may not be ensured when using this telephone.

To ensure safety of users, the FCC has established criteria for the amount of radio frequency energy that can be safely absorbed by a user or bystander according to the intended usage of the product. This product has been tested and found to comply with the FCC criteria. The handset may be safely held against the ear of the user. The telephone base shall be installed and used such that parts of the user's body other than the hands are maintained at a distance of approximately 20 cm (8 inches) or more.

This Class B digital apparatus complies with Canadian ICES-003.

FCC Part 68 and ACTA

This equipment complies with Part 68 of the FCC rules and with technical requirements adopted by the Administrative Council for Terminal Attachments (ACTA). The label on the back or bottom of this equipment contains, among other things, a product identifier in the format US:AAAEQ##TXXXX. This identifier must be provided to your telephone service provider upon request.

The plug and jack used to connect this equipment to premises wiring and the telephone network must comply with applicable Part 68 rules and technical requirements adopted by ACTA. A compliant telephone cord and modular plug is provided with this product. It is designed to be connected to a compatible modular jack that is also compliant. An RJ11 jack should normally be used for connecting to a single line and an RJ14 jack for two lines. See Installation Instructions in the user's manual.

The Ringer Equivalence Number (REN) is used to determine how many devices you may connect to your telephone line and still have them ring when you are called. The REN for this product is encoded as the 6th and 7th characters following the US: in the product identifier (e.g., if ## is 03, the REN is 0.3). In most, but not all areas, the sum of all RENs should be five (5.0) or less. For more information, please contact your telephone service provider.

Appendix

FCC, ACTA and IC regulations (continued)

This equipment may not be used with Party Lines. If you have specially wired alarm dialing equipment connected to your telephone line, ensure the connection of this equipment does not disable your alarm equipment. If you have questions about what will disable alarm equipment, consult your telephone service provider or a qualified installer.

If this equipment is malfunctioning, it must be unplugged from the modular jack until the problem has been corrected. Repairs to this telephone equipment can only be made by the manufacturer or its authorized agents. For repair procedures, follow the instructions outlined under the Limited Warranty.

If this equipment is causing harm to the telephone network, your telephone service provider may temporarily discontinue your telephone service. Your telephone service provider is required to notify you before interrupting service. If advance notice is not practical, you will be notified as soon as possible. You will be given the opportunity to correct the problem and your telephone service provider is required to inform you of your right to file a complaint with the FCC. Your telephone service provider may make changes in its facilities, equipment, operation, or procedures that could affect the proper functioning of this product. Your telephone service provider is required to notify you if such changes are planned.

If this product is equipped with a corded or cordless handset, it is hearing aid compatible.

If this product has memory dialing locations, you may choose to store emergency telephone numbers (e.g., police, fire, medical) in these locations. If you do store or test emergency numbers, please:

Remain on the line and briefly explain the reason for the call before hanging up.

Perform such activities in off-peak hours, such as early morning or late evening.

Industry Canada

Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference, including interference that may cause undesired operation.

The term ‘‘IC:‘‘ before the certification/registration number only signifies that the Industry Canada technical specifications were met.

The Ringer Equivalence Number (REN) for this terminal equipment is 0.1. The REN is an indication of the maximum number of devices allowed to be connected to a telephone interface. The termination on an interface may consist of any combination of devices subject only to the requirement that the sum of the RENs of all the devices does not exceed five.

This product meets the applicable Industry Canada technical specifications.

Appendix

Technical specifications

Frequency Control	Crystal controlled PLL synthesizer
Transmit frequency	Handset: 1921.536-1928.448 MHz Telephone base: 1921.536-1928.448 MHz
Channels	5
Nominal effective range	Maximum power allowed by FCC and IC. Actual operating range might vary according to environmental conditions at the time of use.
Size	Handset: 6.35 X 1.83 X 1.16 in (161.38 X 46.40 X 28.39 mm) Telephone base: 6.11 X 3.54 X 2.75 in (155.20 X 90.00 X 69.90 mm) Charger: 2.92 X 3.06 X 2.20 in (74.20 X 77.80 X 56.00 mm)
Weight	Handset: 4.73oz (134.20g) (including battery) Telephone base: 8.01oz (227.20g) Charger: 1.80oz (51.00g)
Power requirements	Handset: 2.4V 400mAh Ni-MH battery Telephone base: 6V DC @ 400mA Charger: 6V AC @ 300mA
Memory	Handset directory: 50 memory locations; up to 30 digits and 15 characters Handset call log: 50 memory locations; up to 24 digits and 15 characters

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